```
 NEWS PHONE     Direct Dial and Telecommunication Network Access to STN
 NEWS WWW       CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *



FILE 'HOME' ENTERED AT 18:07:25 ON 27 OCT 2002

=> file reg
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      1.05       1.05

FILE 'REGISTRY' ENTERED AT 18:10:09 ON 27 OCT 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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provided by InfoChem.

STRUCTURE FILE UPDATES:   25 OCT 2002  HIGHEST RN 466118-13-8
DICTIONARY FILE UPDATES:  25 OCT 2002  HIGHEST RN 466118-13-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09741272c.str

L1      STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 18:10:34 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   4226 TO ITERATE

 23.7% PROCESSED    1000 ITERATIONS                          3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01
```

```
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *



FILE 'HOME' ENTERED AT 18:07:25 ON 27 OCT 2002

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     1.05       1.05

FILE 'REGISTRY' ENTERED AT 18:10:09 ON 27 OCT 2002
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COPYRIGHT (C) 2002 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   25 OCT 2002  HIGHEST RN 466118-13-8
DICTIONARY FILE UPDATES:  25 OCT 2002  HIGHEST RN 466118-13-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

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Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09741272c.str

L1      STRUCTURE UPLOADED

=> s l1
SAMPLE SEARCH INITIATED 18:10:34 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   4226 TO ITERATE

 23.7% PROCESSED    1000 ITERATIONS                          3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        80624 TO    88416
PROJECTED ANSWERS:              40 TO      466

L2            3 SEA SSS SAM L1

=> d scan
```

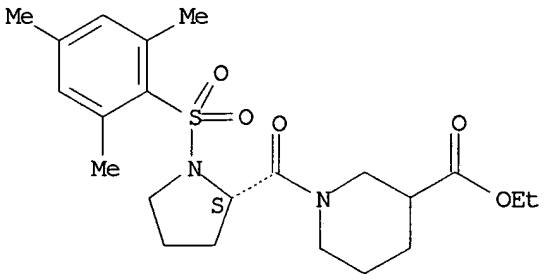
```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        80624 TO    88416
PROJECTED ANSWERS:              40 TO      466

L2            3 SEA SSS SAM L1

=> d scan
```

L2 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 3-Piperidinecarboxylic acid,
1-[[(2S)-1-[(2,4,6-trimethylphenyl)sulfonyl]-
    2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI)
MF C22 H32 N2 O5 S

Absolute stereochemistry.

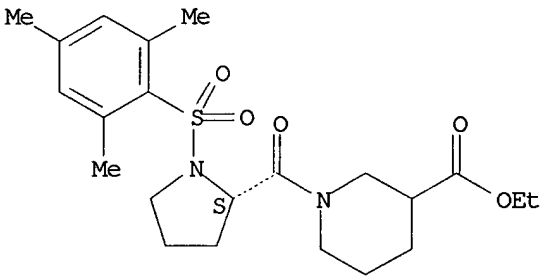


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 3-Piperidinecarboxylic acid,
1-[[(2S)-1-[(2,4,6-trimethylphenyl)sulfonyl]-
    2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI)
MF C22 H32 N2 O5 S

Absolute stereochemistry.

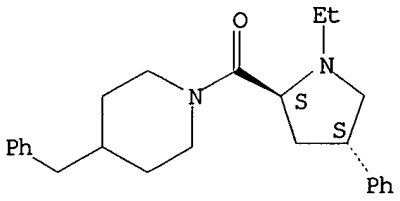


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Piperidine, 1-[[(2S,4S)-1-ethyl-4-phenyl-2-pyrrolidinyl]carbonyl]-4-(phenylmethyl)- (9CI)
MF C25 H32 N2 O

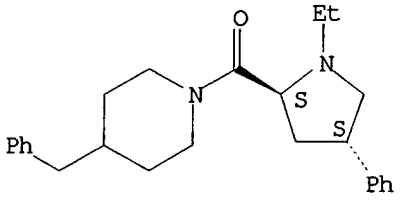
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

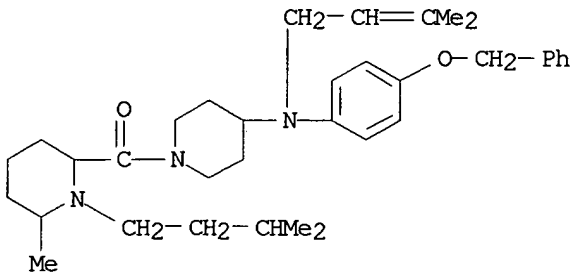
L2 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN Piperidine, 1-[[(2S,4S)-1-ethyl-4-phenyl-2-pyrrolidinyl]carbonyl]-4-(phenylmethyl)- (9CI)
MF C25 H32 N2 O

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

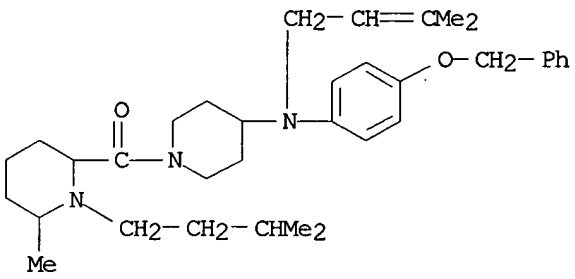
L2 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 4-Piperidinamine,
N-(3-methyl-2-butenyl)-1-[[6-methyl-1-(3-methylbutyl)-2-
    piperidinyl]carbonyl]-N-[4-(phenylmethoxy)phenyl]- (9CI)
MF C35 H51 N3 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

L2 3 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 4-Piperidinamine,
N-(3-methyl-2-butenyl)-1-[[6-methyl-1-(3-methylbutyl)-2-
piperidinyl]carbonyl]-N-[4-(phenylmethoxy)phenyl]- (9CI)
MF C35 H51 N3 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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=> s l1 sss full
FULL SEARCH INITIATED 18:11:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  82812 TO ITERATE

100.0% PROCESSED   82812 ITERATIONS                          253 ANSWERS
SEARCH TIME: 00.00.15

L3          253 SEA SSS FUL L1

=>
Uploading 09741272c.str

L4      STRUCTURE UPLOADED

=> s l4 subset = l3 full sss
FULL SUBSET SEARCH INITIATED 18:15:32 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -    253 TO ITERATE

100.0% PROCESSED     253 ITERATIONS                            3 ANSWERS
SEARCH TIME: 00.00.02

L5            3 SEA SUB=L3 SSS FUL L4

=> d 1-3 ide cbib
```

```
=> s l1 sss full
FULL SEARCH INITIATED 18:11:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  82812 TO ITERATE

100.0% PROCESSED   82812 ITERATIONS                          253 ANSWERS
SEARCH TIME: 00.00.15

L3          253 SEA SSS FUL L1

=>
Uploading 09741272c.str

L4      STRUCTURE UPLOADED

=> s l4 subset = l3 full sss
FULL SUBSET SEARCH INITIATED 18:15:32 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -    253 TO ITERATE

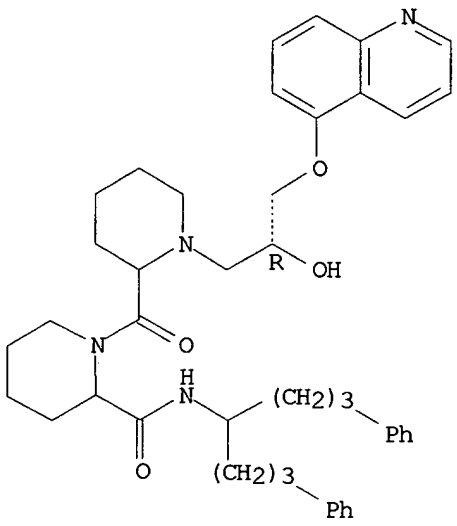
100.0% PROCESSED     253 ITERATIONS                            3 ANSWERS
SEARCH TIME: 00.00.02

L5            3 SEA SUB=L3 SSS FUL L4

=> d 1-3 ide cbib
```

L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 417704-93-9 REGISTRY
CN 2-Piperidinecarboxamide,
1-[[1-[(2R)-2-hydroxy-3-(5-quinolinyloxy)propyl]-
2-piperidinyl]carbonyl]-N-[4-phenyl-1-(3-phenylpropyl)butyl]- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C43 H54 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



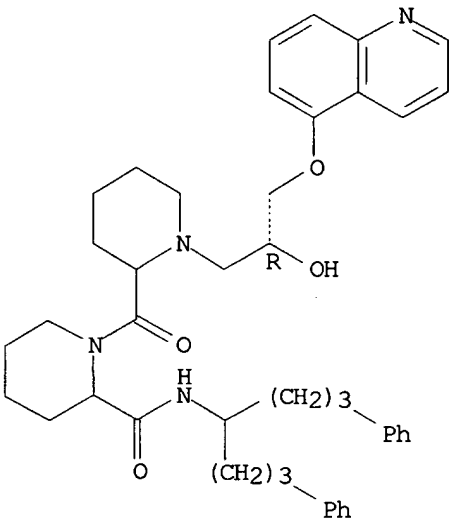
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340698 Preparation of 2-substituted heterocyclic compounds as regulators of cellular transport proteins. Degenhardt, Charles Raymond; Eickhoff, David Joseph (The Procter & Gamble Company, USA). PCT Int. Appl. WO 2002032868 A2 20020425, 62 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US32524 20011016. PRIORITY: US 2000-PV241127 20001017; US 2000-741272 20001219.

L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 417704-93-9 REGISTRY
CN 2-Piperidinecarboxamide,
1-[[1-[(2R)-2-hydroxy-3-(5-quinolinyloxy)propyl]-
2-piperidinyl]carbonyl]-N-[4-phenyl-1-(3-phenylpropyl)butyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H54 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



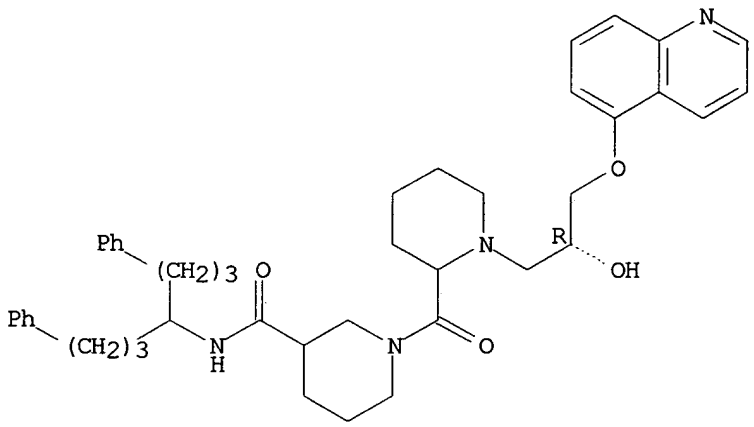
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340698 Preparation of 2-substituted heterocyclic compounds as regulators of cellular transport proteins. Degenhardt, Charles Raymond; Eickhoff, David Joseph (The Procter & Gamble Company, USA). PCT Int. Appl. WO 2002032868 A2 20020425, 62 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US32524 20011016. PRIORITY: US 2000-PV241127 20001017; US 2000-741272 20001219.

L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 417704-90-6 REGISTRY
CN 3-Piperidinecarboxamide,
1-[[1-[(2R)-2-hydroxy-3-(5-quinolinyloxy)propyl]-
2-piperidinyl]carbonyl]-N-[4-phenyl-1-(3-phenylpropyl)butyl]- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C43 H54 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



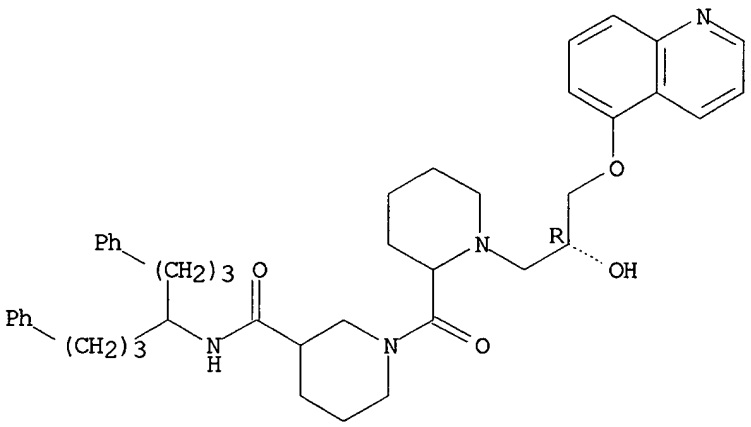
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340698 Preparation of 2-substituted heterocyclic compounds as regulators of cellular transport proteins. Degenhardt, Charles Raymond; Eickhoff, David Joseph (The Procter & Gamble Company, USA). PCT Int. Appl. WO 2002032868 A2 20020425, 62 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US32524 20011016. PRIORITY: US 2000-PV241127 20001017; US 2000-741272 20001219.

L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 417704-90-6 REGISTRY
CN 3-Piperidinecarboxamide,
1-[[1-[(2R)-2-hydroxy-3-(5-quinolinyloxy)propyl]-
2-piperidinyl]carbonyl]-N-[4-phenyl-1-(3-phenylpropyl)butyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C43 H54 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



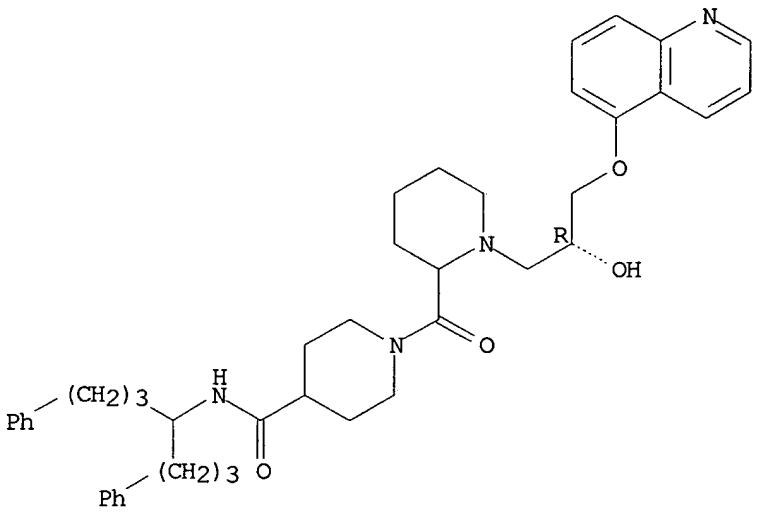
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340698 Preparation of 2-substituted heterocyclic compounds as regulators of cellular transport proteins. Degenhardt, Charles Raymond; Eickhoff, David Joseph (The Procter & Gamble Company, USA). PCT Int. Appl. WO 2002032868 A2 20020425, 62 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US32524 20011016. PRIORITY: US 2000-PV241127 20001017; US 2000-741272 20001219.

L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 417704-72-4 REGISTRY
CN 4-Piperidinecarboxamide,
1-[[1-[(2R)-2-hydroxy-3-(5-quinolinyloxy)propyl]-
2-piperidinyl]carbonyl]-N-[4-phenyl-1-(3-phenylpropyl)butyl]- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C43 H54 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



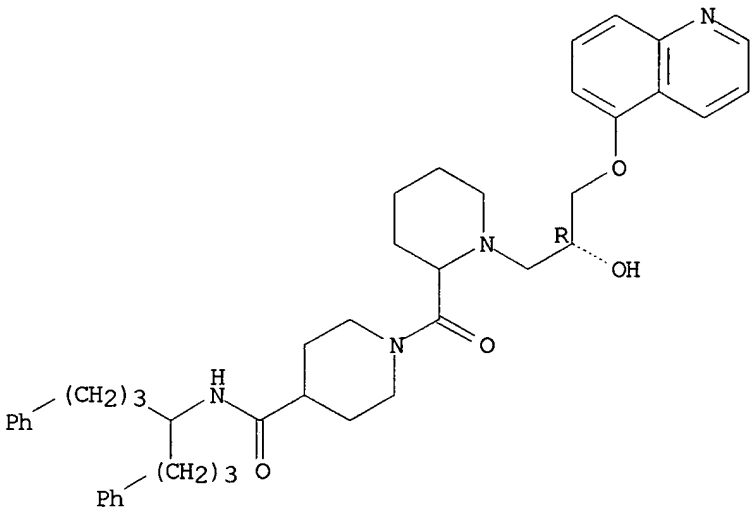
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340698 Preparation of 2-substituted heterocyclic compounds as regulators of cellular transport proteins. Degenhardt, Charles Raymond; Eickhoff, David Joseph (The Procter & Gamble Company, USA). PCT Int. Appl. WO 2002032868 A2 20020425, 62 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US32524 20011016. PRIORITY: US 2000-PV241127 20001017; US 2000-741272 20001219.

L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS
RN 417704-72-4 REGISTRY
CN 4-Piperidinecarboxamide,
1-[[1-[(2R)-2-hydroxy-3-(5-quinolinyloxy)propyl]-
2-piperidinyl]carbonyl]-N-[4-phenyl-1-(3-phenylpropyl)butyl]- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C43 H54 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:340698 Preparation of 2-substituted heterocyclic compounds as regulators of cellular transport proteins. Degenhardt, Charles Raymond; Eickhoff, David Joseph (The Procter & Gamble Company, USA). PCT Int. Appl. WO 2002032868 A2 20020425, 62 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US32524 20011016. PRIORITY: US 2000-PV241127 20001017; US 2000-741272 20001219.

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=>
Uploading 09741272c.str

L6      STRUCTURE UPLOADED

=> s l6 subset = l3 full sss
SEARCH FAILED DUE TO A STRUCTURE QUERY ERROR
The structure query could not be searched.  Please review and revise
your structure query, especially checking the variable definitions and
attachments. In rare instances the failure may be due to a system
problem. Please contact your local STN Help Desk if you need
assistance.

=>
Uploading 09741272d.str

L7      STRUCTURE UPLOADED

=> s l7 subset = l3 full sss
FULL SUBSET SEARCH INITIATED 18:21:57 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -     93 TO ITERATE

100.0% PROCESSED      93 ITERATIONS                              89 ANSWERS
SEARCH TIME: 00.00.01

L8           89 SEA SUB=L3 SSS FUL L7

=> file caols
'CAOLS' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> file caold
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                 221.07     222.12

FILE 'CAOLD' ENTERED AT 18:22:21 ON 27 OCT 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.
```

```
=>
Uploading 09741272c.str

L6      STRUCTURE UPLOADED

=> s l6 subset = l3 full sss
SEARCH FAILED DUE TO A STRUCTURE QUERY ERROR
The structure query could not be searched.  Please review and revise
your structure query, especially checking the variable definitions and
attachments. In rare instances the failure may be due to a system
problem. Please contact your local STN Help Desk if you need
assistance.

=>
Uploading 09741272d.str

L7      STRUCTURE UPLOADED

=> s l7 subset = l3 full sss
FULL SUBSET SEARCH INITIATED 18:21:57 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -     93 TO ITERATE

100.0% PROCESSED      93 ITERATIONS                              89 ANSWERS
SEARCH TIME: 00.00.01

L8           89 SEA SUB=L3 SSS FUL L7

=> file caols
'CAOLS' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> file caold
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               221.07     222.12

FILE 'CAOLD' ENTERED AT 18:22:21 ON 27 OCT 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.
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=> s l8
L9            0 L8

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.38     222.50

FILE 'CAPLUS' ENTERED AT 18:22:33 ON 27 OCT 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)
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FILE COVERS 1907 - 27 Oct 2002  VOL 137 ISS 18
FILE LAST UPDATED: 25 Oct 2002  (20021025/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

CAS roles have been modified effective December 16, 2001. Please
check your SDI profiles to see if they need to be revised. For
information on CAS roles, enter HELP ROLES at an arrow prompt or use
the CAS Roles thesaurus (/RL field) in this file.

=> s l8
L10          11 L8

=> sort py
ENTER (L10), L#, OR L# RANGE:.
SORT ENTIRE ANSWER SET? (Y)/N:.
PROCESSING COMPLETED FOR L10
L11          11 SORT L10 PY

=> d 1-10 cbib pi fhitstr
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```
=> s l8
L9            0 L8

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.38     222.50

FILE 'CAPLUS' ENTERED AT 18:22:33 ON 27 OCT 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)
```



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FILE COVERS 1907 - 27 Oct 2002  VOL 137 ISS 18
FILE LAST UPDATED: 25 Oct 2002  (20021025/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

CAS roles have been modified effective December 16, 2001. Please
check your SDI profiles to see if they need to be revised. For
information on CAS roles, enter HELP ROLES at an arrow prompt or use
the CAS Roles thesaurus (/RL field) in this file.

=> s l8
L10          11 L8

=> sort py
ENTER (L10), L#, OR L# RANGE:.
SORT ENTIRE ANSWER SET? (Y)/N:.
PROCESSING COMPLETED FOR L10
L11          11 SORT L10 PY

=> d 1-10 cbib pi fhitstr
```

L11 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2002 ACS

1985:149797 Document No. 102:149797 4-Substituted-2-azetidinone compound. Iwamoto, Hidenori; Yoshida, Makoto; Yamamoto, Minoru; Tamura, Toshinari (Yamanouchi Pharmaceutical Co., Ltd. , Japan). Eur. Pat. Appl. EP 123444 A1 19841031, 107 pp. DESIGNATED STATES: R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1984-302016 19840326. PRIORITY: JP 1983-48989 19830325; JP 1983-221469 19831125; JP 1983-221470 19831125.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 123444	A1	19841031	EP 1984-302016	19840326
	EP 123444	B1	19890125		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	JP 59225182	A2	19841218	JP 1983-48989	19830325
	JP 62038353	B4	19870817		
	JP 60115577	A2	19850622	JP 1983-221469	19831125
	JP 60115578	A2	19850622	JP 1983-221470	19831125
	CA 1256650	A1	19890627	CA 1984-449641	19840315
	ZA 8401979	A	19850529	ZA 1984-1979	19840316
	DK 8401646	A	19840926	DK 1984-1646	19840323
	NO 8401158	A	19840926	NO 1984-1158	19840323
	NO 158740	B	19880718		
	NO 158740	C	19881026		
	ES 530960	A1	19851001	ES 1984-530960	19840323
	US 4564609	A	19860114	US 1984-592866	19840323
	AU 8426100	A1	19841018	AU 1984-26100	19840326
	AU 576316	B2	19880825		
	AT 40382	E	19890215	AT 1984-302016	19840326
	ES 544234	A1	19860116	ES 1985-544234	19850614
	ES 544235	A1	19860116	ES 1985-544235	19850614
	ES 544236	A1	19860116	ES 1985-544236	19850614
	US 4610821	A	19860909	US 1985-785168	19851007
	US 4636567	A	19870113	US 1985-785169	19851007
	NO 8700289	A	19840926	NO 1987-289	19870123
	NO 167662	B	19910819		
	NO 167662	C	19911127		
	CA 1259318	A2	19890912	CA 1988-581918	19881101
	CA 1259319	A2	19890912	CA 1988-581919	19881101

IT **95730-49-7**
RL: RCT (Reactant)
(esterification of, with hydroxysuccinimide)

RN 95730-49-7 CAPLUS

CN 2-Piperidinecarboxylic acid, 1-[2-[[(1,1-dimethylethoxy)carbonyl]amino]-3-[1-[(4-methylphenyl)sulfonyl]-1H-imidazol-5-yl]-1-oxopropyl]- (9CI) (CA INDEX NAME)

L11 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2002 ACS

1985:149797 Document No. 102:149797 4-Substituted-2-azetidinone compound. Iwamoto, Hidenori; Yoshida, Makoto; Yamamoto, Minoru; Tamura, Toshinari (Yamanouchi Pharmaceutical Co., Ltd. , Japan). Eur. Pat. Appl. EP 123444 A1 19841031, 107 pp. DESIGNATED STATES: R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1984-302016 19840326. PRIORITY: JP 1983-48989 19830325; JP 1983-221469 19831125; JP 1983-221470 19831125.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 123444	A1	19841031	EP 1984-302016	19840326
	EP 123444	B1	19890125		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	JP 59225182	A2	19841218	JP 1983-48989	19830325
	JP 62038353	B4	19870817		
	JP 60115577	A2	19850622	JP 1983-221469	19831125
	JP 60115578	A2	19850622	JP 1983-221470	19831125
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	ZA 8401979	A	19850529	ZA 1984-1979	19840316
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	NO 158740	C	19881026		
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	AU 576316	B2	19880825		
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	US 4636567	A	19870113	US 1985-785169	19851007
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	NO 167662	B	19910819		
	NO 167662	C	19911127		
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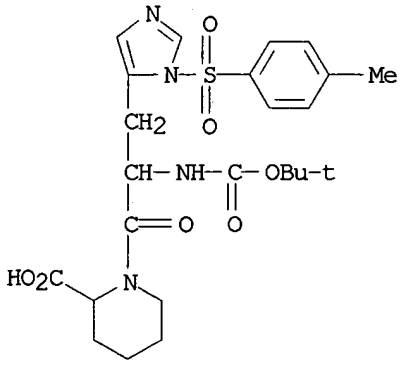
	CA 1259319	A2	19890912	CA 1988-581919	19881101

IT **95730-49-7**
RL: RCT (Reactant)
(esterification of, with hydroxysuccinimide)

RN 95730-49-7 CAPLUS

CN 2-Piperidinecarboxylic acid, 1-[2-[[(1,1-dimethylethoxy)carbonyl]amino]-3-[1-[(4-methylphenyl)sulfonyl]-1H-imidazol-5-yl]-1-oxopropyl]- (9CI) (CA INDEX NAME)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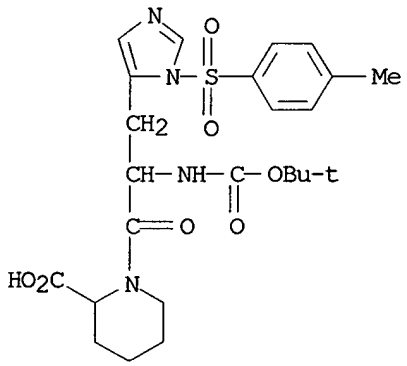
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HO2C
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L11 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS

1993:539091 Document No. 119:139091 Preparation of 1-phenylsulfonyl-3-hydroxyindoline-2-carboxamides as oxytocin and vasopressin antagonists. Wagnon, Jean; Serradeil-Legal, Claudine; Tonnerre, Bernard; Plouzane, Claude; Nisato, Dino (Elf Sanofi, Fr.). Eur. Pat. Appl. EP 526348 A1 19930203, 71 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE. (French). CODEN: EPXXDW. APPLICATION: EP 1992-402213 19920803. PRIORITY: FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 526348	A1	19930203	EP 1992-402213	19920803
	EP 526348	B1	19980218		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	FR 2679903	A1	19930205	FR 1991-9908	19910802
	FR 2679903	B1	19931203		
	CA 2093221	AA	19930203	CA 1992-2093221	19920731
	CA 2093221	C	19980922		
	WO 9303013	A1	19930218	WO 1992-FR758	19920731
	W: AU, BR, CA, CS, FI, HU, JP, KR, NO, RU				
	AU 9224758	A1	19930302	AU 1992-24758	19920731
	AU 658664	B2	19950427		
	ZA 9205781	A	19930302	ZA 1992-5781	19920731
	BR 9205336	A	19931116	BR 1992-5336	19920731
	JP 06501960	T2	19940303	JP 1993-503337	19920731
	LT 3064	B	19941025	LT 1992-114	19920731
	LV 10091	B	19950420	LV 1992-87	19920731
	HU 68927	A2	19950828	HU 1993-951	19920731
	IL 102703	A1	19970318	IL 1992-102703	19920731
	JP 2633085	B2	19970723	JP 1992-503337	19920731
	RU 2104268	C1	19980210	RU 1993-5168	19920731
	IL 117592	A1	19990411	IL 1992-117592	19920731
	CZ 288173	B6	20010516	CZ 1993-682	19920731
	AT 163289	E	19980315	AT 1992-402213	19920803
	ES 2117038	T3	19980801	ES 1992-402213	19920803
	NO 9301262	A	19930526	NO 1993-1262	19930401
	NO 180047	B	19961028		
	NO 180047	C	19970205		
	US 5481005	A	19960102	US 1994-348150	19941128
	AU 9511541	A1	19950504	AU 1995-11541	19950203
	AU 691223	B2	19980514		
	FI 9800175	A	19980127	FI 1998-175	19980127

IT **149129-33-9P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as oxytocin and vasopressin antagonist)

RN 149129-33-9 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L11 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS

1993:539091 Document No. 119:139091 Preparation of 1-phenylsulfonyl-3-hydroxyindoline-2-carboxamides as oxytocin and vasopressin antagonists. Wagnon, Jean; Serradeil-Legal, Claudine; Tonnerre, Bernard; Plouzane, Claude; Nisato, Dino (Elf Sanofi, Fr.). Eur. Pat. Appl. EP 526348 A1 19930203, 71 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE. (French). CODEN: EPXXDW. APPLICATION: EP 1992-402213 19920803. PRIORITY: FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 526348	A1	19930203	EP 1992-402213	19920803
	EP 526348	B1	19980218		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	FR 2679903	A1	19930205	FR 1991-9908	19910802
	FR 2679903	B1	19931203		
	CA 2093221	AA	19930203	CA 1992-2093221	19920731
	CA 2093221	C	19980922		
	WO 9303013	A1	19930218	WO 1992-FR758	19920731
	W: AU, BR, CA, CS, FI, HU, JP, KR, NO, RU				
	AU 9224758	A1	19930302	AU 1992-24758	19920731
	AU 658664	B2	19950427		
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	BR 9205336	A	19931116	BR 1992-5336	19920731
	JP 06501960	T2	19940303	JP 1993-503337	19920731
	LT 3064	B	19941025	LT 1992-114	19920731
	LV 10091	B	19950420	LV 1992-87	19920731
	HU 68927	A2	19950828	HU 1993-951	19920731
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	JP 2633085	B2	19970723	JP 1992-503337	19920731
	RU 2104268	C1	19980210	RU 1993-5168	19920731
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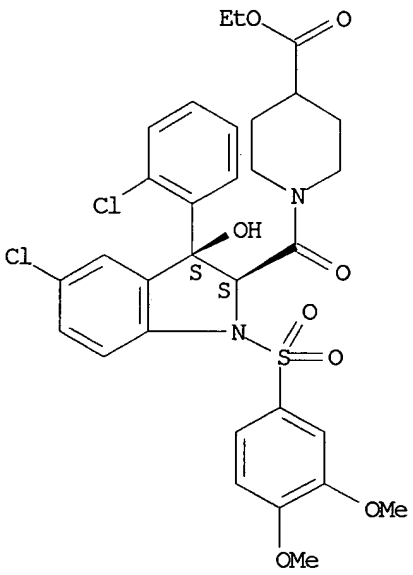
	ES 2117038	T3	19980801	ES 1992-402213	19920803
	NO 9301262	A	19930526	NO 1993-1262	19930401
	NO 180047	B	19961028		
	NO 180047	C	19970205		
	US 5481005	A	19960102	US 1994-348150	19941128
	AU 9511541	A1	19950504	AU 1995-11541	19950203
	AU 691223	B2	19980514		
	FI 9800175	A	19980127	FI 1998-175	19980127

IT **149129-33-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as oxytocin and vasopressin antagonist)

RN 149129-33-9 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.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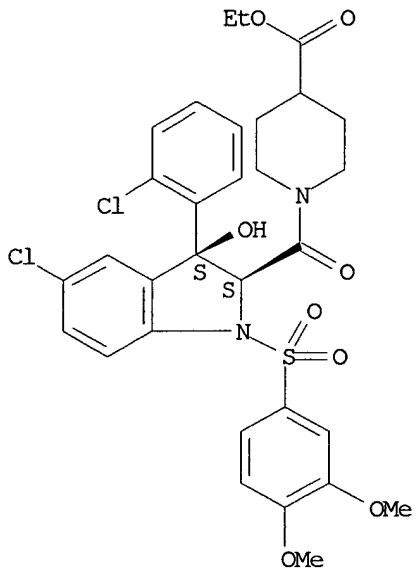
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L11 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS
1995:777639 Document No. 123:198616 Preparation of N-sulfonylindoline derivatives with affinity for vasopressin and oxytocin receptors. Wagnon, Jean; de Cointet, Paul; Nisato, Dino; Plouzane, Claude; Sereadeil-Legal, Claudine; Tonnerre, Bernard (Elf Sanofi, Fr.). U.S. US 5338755 A 19940816, 50 pp. Cont.-in-part of U.S. Ser. No.737,655, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1992-923839 19920803. PRIORITY: FR 1990-9778 19900731; US 1991-737655 19910730; FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5338755	A	19940816	US 1992-923839	19920803
	FR 2665441	A1	19920207	FR 1990-9778	19900731
	FR 2665441	B1	19921204		
	IL 114934	A1	19960804	IL 1991-114934	19910730
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	FR 2679903	A1	19930205	FR 1991-9908	19910802
	FR 2679903	B1	19931203		
	AU 9224758	A1	19930302	AU 1992-24758	19920731
	AU 658664	B2	19950427		
	BR 9205336	A	19931116	BR 1992-5336	19920731
	JP 06501960	T2	19940303	JP 1993-503337	19920731
	RU 2104268	C1	19980210	RU 1993-5168	19920731
	IL 117592	A1	19990411	IL 1992-117592	19920731
	CZ 288173	B6	20010516	CZ 1993-682	19920731
	NO 9301262	A	19930526	NO 1993-1262	19930401
	NO 180047	B	19961028		
	NO 180047	C	19970205		
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	US 5481005	A	19960102	US 1994-348150	19941128
	US 5578633	A	19961126	US 1995-458614	19950602
	FI 9800175	A	19980127	FI 1998-175	19980127

IT **149129-33-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-sulfonylindoline derivs. with affinity for vasopressin and oxytocin receptors)
RN 149129-33-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L11 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS
1995:777639 Document No. 123:198616 Preparation of N-sulfonylindoline derivatives with affinity for vasopressin and oxytocin receptors. Wagnon, Jean; de Cointet, Paul; Nisato, Dino; Plouzane, Claude; Sereadeil-Legal, Claudine; Tonnerre, Bernard (Elf Sanofi, Fr.). U.S. US 5338755 A 19940816, 50 pp. Cont.-in-part of U.S. Ser. No.737,655, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1992-923839 19920803. PRIORITY: FR 1990-9778 19900731; US 1991-737655 19910730; FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5338755	A	19940816	US 1992-923839	19920803
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	FR 2679903	A1	19930205	FR 1991-9908	19910802
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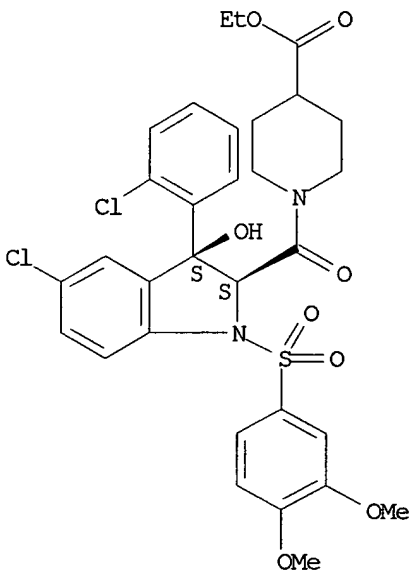
	FI 9800175	A	19980127	FI 1998-175	19980127

IT **149129-33-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-sulfonylindoline derivs. with affinity for vasopressin and oxytocin receptors)
RN 149129-33-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.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OH
Cl
S
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O
N
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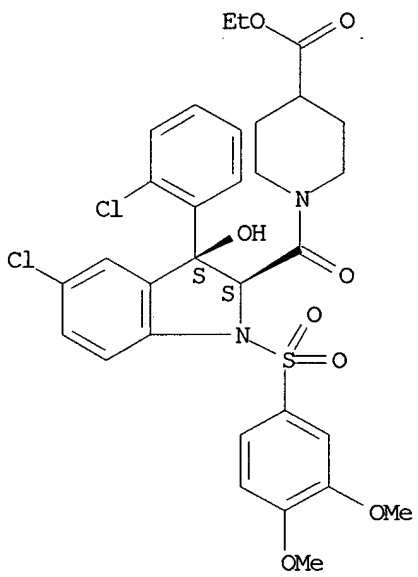
S
O
OMe
OMe


EtO
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Cl
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OH
Cl
S
S
O
N
O
S
O
OMe
OMe

L11 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2002 ACS

1995:294617 Document No. 123:144625 Heteroaromatic amine thrombin inhibitors. Misra, Raj N.; Hall, Steven E. (Bristol-Myers Squibb Co., USA). U.S. US 5371091 A 19941206, 19 pp. Cont.-in-part of U.S. Ser. No. 937, 271, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1993-76224 19930614. PRIORITY: US 1992-937271 19920831.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5371091	A	19941206	US 1993-76224	19930614

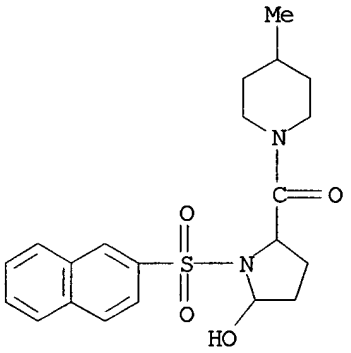
IT **166249-59-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(heteroarom. amine sulfonamide thrombin inhibitors)

RN 166249-59-8 CAPLUS

CN Piperidine, 1-[[5-hydroxy-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-4-methyl- (9CI) (CA INDEX NAME)



L11 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2002 ACS

1995:294617 Document No. 123:144625 Heteroaromatic amine thrombin inhibitors. Misra, Raj N.; Hall, Steven E. (Bristol-Myers Squibb Co., USA). U.S. US 5371091 A 19941206, 19 pp. Cont.-in-part of U.S. Ser. No. 937, 271, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1993-76224 19930614. PRIORITY: US 1992-937271 19920831.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5371091	A	19941206	US 1993-76224	19930614

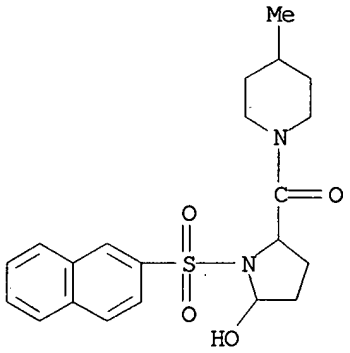
IT **166249-59-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(heteroarom. amine sulfonamide thrombin inhibitors)

RN 166249-59-8 CAPLUS

CN Piperidine, 1-[[5-hydroxy-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-4-methyl- (9CI) (CA INDEX NAME)



L11 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2002 ACS

1997:500244 Document No. 127:135800 Preparation of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors. Grell, Wolfgang; Haaksma, Eric; Binder, Klaus; Zimmermann, Rainer; Wienen, Wolfgang; Hallermayer, Gerhard (Dr. Karl Thomae Gmbh, Germany). Ger. Offen. DE 19548797 A1 19970703, 65 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1995-19548797 19951227.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19548797	A1	19970703	DE 1995-19548797	19951227

IT **193018-59-6P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

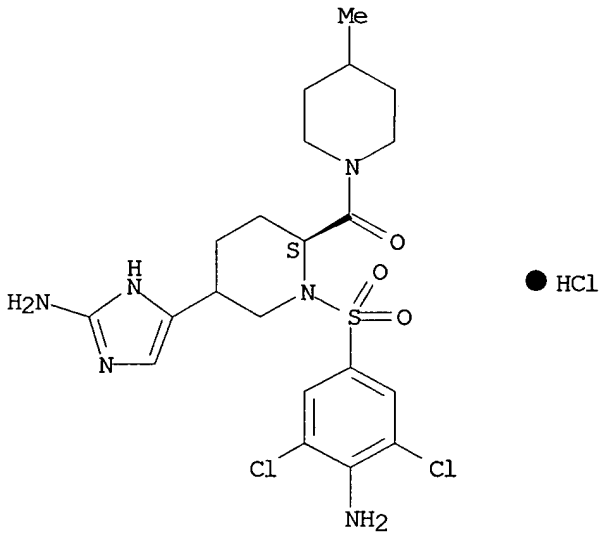
(prepn. of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors)

RN 193018-59-6 CAPLUS

CN Piperidine, 1-[[1-[(4-amino-3,5-dichlorophenyl)sulfonyl]-5-(2-amino-1H-imidazol-4-yl)-2-piperidinyl]carbonyl]-4-methyl-, monohydrochloride, (2S)-

(9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2002 ACS

1997:500244 Document No. 127:135800 Preparation of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors. Grell, Wolfgang; Haaksma, Eric; Binder, Klaus; Zimmermann, Rainer; Wienen, Wolfgang; Hallermayer, Gerhard (Dr. Karl Thomae Gmbh, Germany). Ger. Offen. DE 19548797 A1 19970703, 65 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1995-19548797 19951227.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19548797	A1	19970703	DE 1995-19548797	19951227

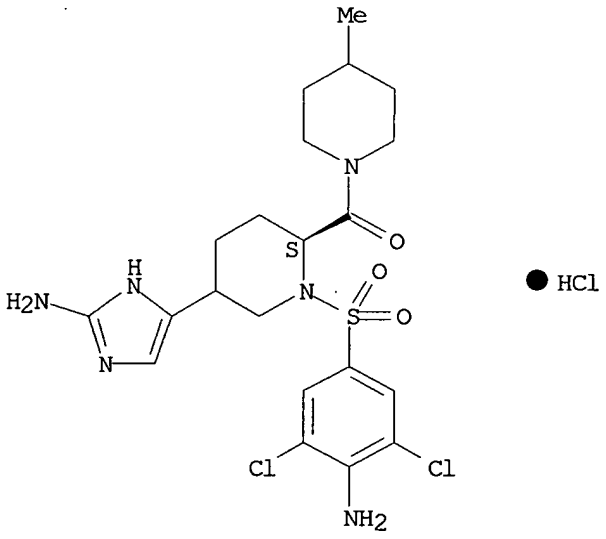
IT **193018-59-6P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors)

RN 193018-59-6 CAPLUS

CN Piperidine, 1-[[1-[(4-amino-3,5-dichlorophenyl)sulfonyl]-5-(2-amino-1H-imidazol-4-yl)-2-piperidinyl]carbonyl]-4-methyl-, monohydrochloride, (2S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2002 ACS
1998:180864 Document No. 128:230251 Preparation of benzocycloheptapyridines as farnesyl protein transferase inhibitors. Taveras, Arthur G.; Mallams, Alan K.; Afonso, Adriano; Remiszewski, Stacy W.; Njoroge, F. George; Doll, Ronald J.; Lalwani, Tarik; Alvarez, Carmen (Schering Corp., USA). PCT Int. Appl. WO 9811091 A2 19980319, 147 pp. DESIGNATED STATES: W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-US19976 19970911. PRIORITY: US 1996-713297 19960913; US 1997-877453 19970617.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9811091	A2	19980319	WO 1997-US19976	19970911
	W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9851966	A1	19980402	AU 1998-51966	19970911
	EP 934303	A2	19990811	EP 1997-946875	19970911
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, LT, LV, FI, RO				
	CN 1237164	A	19991201	CN 1997-199597	19970911
	BR 9712980	A	20000418	BR 1997-12980	19970911
	JP 2001500515	T2	20010116	JP 1998-514032	19970911
	NO 9901235	A	19990510	NO 1999-1235	19990312
	KR 2000036110	A	20000626	KR 1999-702133	19990312

IT **204712-50-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of benzocycloheptapyridines as farnesyl protein transferase inhibitors)
RN 204712-50-5 CAPLUS
CN Piperidine, 4-[(11R)-3,10-dibromo-8-chloro-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-yl]-1-[[1-[[1-(methylsulfonyl)-1H-pyrrol-2-yl]carbonyl]-4-piperidinyl]acetyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2002 ACS

1998:180864 Document No. 128:230251 Preparation of benzocycloheptapyridines as farnesyl protein transferase inhibitors. Taveras, Arthur G.; Mallams, Alan K.; Afonso, Adriano; Remiszewski, Stacy W.; Njoroge, F. George; Doll, Ronald J.; Lalwani, Tarik; Alvarez, Carmen (Schering Corp., USA). PCT Int. Appl. WO 9811091 A2 19980319, 147 pp. DESIGNATED STATES: W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-US19976 19970911. PRIORITY: US 1996-713297 19960913; US 1997-877453 19970617.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9811091	A2	19980319	WO 1997-US19976	19970911
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9851966	A1	19980402	AU 1998-51966	19970911
EP 934303	A2	19990811	EP 1997-946875	19970911
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, LT, LV, FI, RO				
CN 1237164	A	19991201	CN 1997-199597	19970911
BR 9712980	A	20000418	BR 1997-12980	19970911
JP 2001500515	T2	20010116	JP 1998-514032	19970911
NO 9901235	A	19990510	NO 1999-1235	19990312
KR 2000036110	A	20000626	KR 1999-702133	19990312

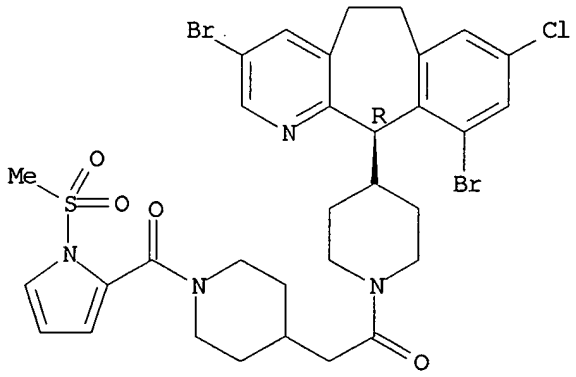
IT **204712-50-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of benzocycloheptapyridines as farnesyl protein transferase inhibitors)

RN 204712-50-5 CAPLUS

CN Piperidine, 4-[(11R)-3,10-dibromo-8-chloro-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-yl]-1-[[1-[[1-(methylsulfonyl)-1H-pyrrol-2-yl]carbonyl]-4-piperidinyl]acetyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.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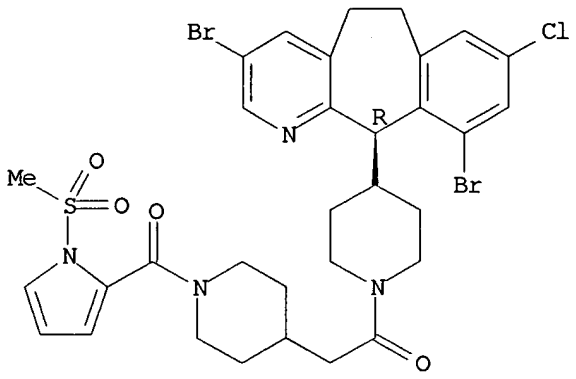
Br
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L11 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2002 ACS

1999:53389 Document No. 130:139358 Preparation and formulation of tricyclic compounds useful for inhibition of farnesyl protein transferase. Taveras, Arthur G.; Mallams, Alan K.; Afonso, Adriano; Remiszewski, Stacy W.; Njoroge, F. George; Doll, Ronald; Lalwani, Tarik; Alvarez, Carmen (Schering Corporation, USA). U.S. US 5861395 A 19990119, 71 pp. (English). CODEN: USXXAM. APPLICATION: US 1997-927469 19970911.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5861395	A	19990119	US 1997-927469	19970911

IT **204712-50-5P**

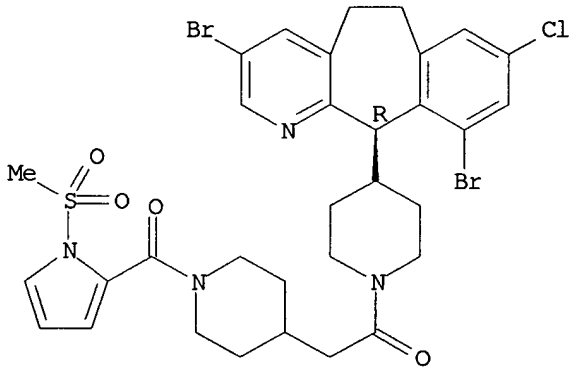
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of tricyclic compds. useful for inhibition of farnesyl protein transferase)

RN 204712-50-5 CAPLUS

CN Piperidine, 4-[(11R)-3,10-dibromo-8-chloro-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-yl]-1-[[1-[[1-(methylsulfonyl)-1H-pyrrol-2-yl]carbonyl]-4-piperidinyl]acetyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2002 ACS

1999:53389 Document No. 130:139358 Preparation and formulation of tricyclic compounds useful for inhibition of farnesyl protein transferase.

Taveras, Arthur G.; Mallams, Alan K.; Afonso, Adriano; Remiszewski, Stacy W.; Njoroge, F. George; Doll, Ronald; Lalwani, Tarik; Alvarez, Carmen (Schering Corporation, USA). U.S. US 5861395 A 19990119, 71 pp. (English). CODEN: USXXAM. APPLICATION: US 1997-927469 19970911.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5861395	A	19990119	US 1997-927469	19970911

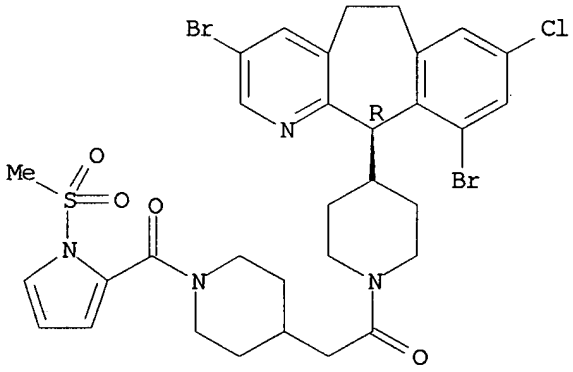
IT **204712-50-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of tricyclic compds. useful for inhibition of farnesyl protein transferase)

RN 204712-50-5 CAPLUS

CN Piperidine, 4-[(11R)-3,10-dibromo-8-chloro-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-yl]-1-[[1-[[1-(methylsulfonyl)-1H-pyrrol-2-yl]carbonyl]-4-piperidinyl]acetyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2002 ACS

2001:747746 Document No. 135:303763 Preparation of pyrrolidines as inhibitors of Bax function.. Halazy, Serge; Schwarz, Matthias; Quattropani, Anna; Thomas, Russel; Baxter, Anthony; Bombrun, Agnes (Applied Research Systems Ars Holding N.V., Neth. Antilles). PCT Int. Appl. WO 2001074769 A1 20011011, 221 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-EP3170 20010320. PRIORITY: EP 2000-106033 20000327.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001074769	A1	20011011	WO 2001-EP3170	20010320

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

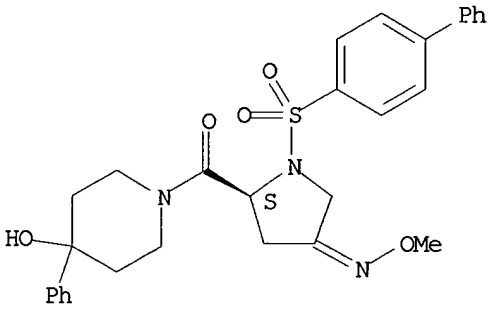
IT **364076-71-1P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyrrolidines as inhibitors of Bax function)

RN 364076-71-1 CAPLUS

CN 4-Piperidinol, 1-[[(2S)-1-([1,1'-biphenyl]-4-ylsulfonyl)-4-(methoxyimino)-2-pyrrolidinyl]carbonyl]-4-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L11 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2002 ACS

2001:747746 Document No. 135:303763 Preparation of pyrrolidines as inhibitors of Bax function... Halazy, Serge; Schwarz, Matthias; Quattropani, Anna; Thomas, Russel; Baxter, Anthony; Bombrun, Agnes (Applied Research Systems Ars Holding N.V., Neth. Antilles). PCT Int. Appl. WO 2001074769 A1 20011011, 221 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-EP3170 20010320. PRIORITY: EP 2000-106033 20000327.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001074769	A1	20011011	WO 2001-EP3170	20010320

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

IT **364076-71-1P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

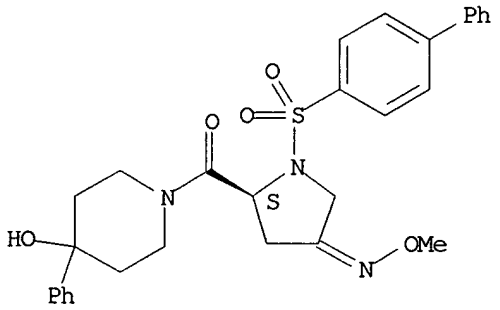
(prepn. of pyrrolidines as inhibitors of Bax function)

RN 364076-71-1 CAPLUS

CN 4-Piperidinol, 1-[[(2S)-1-([1,1'-biphenyl]-4-ylsulfonyl)-4-(methoxyimino)-2-pyrrolidinyl]carbonyl]-4-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.



L11 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2002 ACS
2001:730700 Document No. 135:288686 Synthesis of substituted N-acyl/sulfonyl
pyrrolidine derivatives as bax inhibitors. Halazy, Serge; Schwarz, Matthias; Quattropani, Anna; Thomas, Russel; Baxter, Anthony; Scheer, Alexander (Applied Research Systems ARS Holding N.V., Neth. Antilles). PCT Int. Appl. WO 2001072705 A1 20011004, 219 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-EP3171 20010320. PRIORITY: EP 2000-106034 20000327.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001072705	A1	20011004	WO 2001-EP3171	20010320

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

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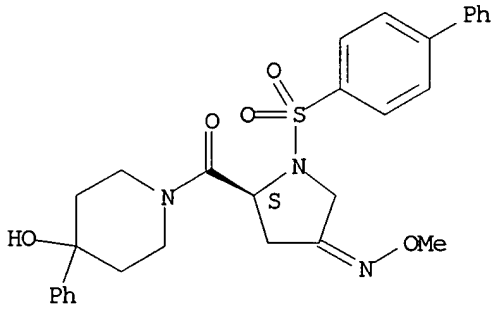
IT **364076-71-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug; synthesis of substituted N-acyl/sulfonyl pyrrolidine derivs. as bax inhibitors)

RN 364076-71-1 CAPLUS
CN 4-Piperidinol, 1-[[(2S)-1-([1,1'-biphenyl]-4-ylsulfonyl)-4-(methoxyimino)-2-pyrrolidinyl]carbonyl]-4-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L11 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2002 ACS
2001:730700 Document No. 135:288686 Synthesis of substituted N-acyl/sulfonyl
pyrrolidine derivatives as bax inhibitors. Halazy, Serge; Schwarz, Matthias; Quattropani, Anna; Thomas, Russel; Baxter, Anthony; Scheer, Alexander (Applied Research Systems ARS Holding N.V., Neth. Antilles). PCT Int. Appl. WO 2001072705 A1 20011004, 219 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-EP3171 20010320. PRIORITY: EP 2000-106034 20000327.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001072705	A1	20011004	WO 2001-EP3171	20010320

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

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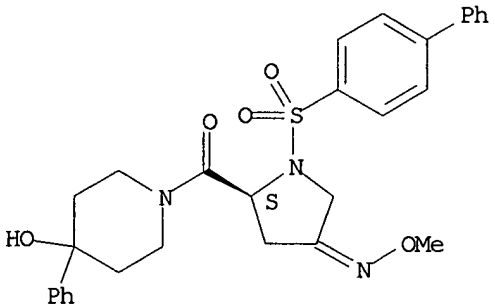
IT **364076-71-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug; synthesis of substituted N-acyl/sulfonyl pyrrolidine derivs. as bax inhibitors)

RN 364076-71-1 CAPLUS
CN 4-Piperidinol, 1-[[(2S)-1-([1,1'-biphenyl]-4-ylsulfonyl)-4-(methoxyimino)-2-pyrrolidinyl]carbonyl]-4-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L11 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS
2002:72044 Document No. 136:134675 Preparation of heterocyclic amino alcohol
beta-3 adrenergic receptor agonists. Ashwell, Mark Anthony; Solvibile, William Ronald; Quagliato, Dominick Anthony; Molinari, Albert John (American Home Products Corporation, USA). PCT Int. Appl. WO 2002006229 A2 20020124, 208 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US22327 20010716. PRIORITY: US 2000-PV218628 20000717.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002006229	A2	20020124	WO 2001-US22327	20010716
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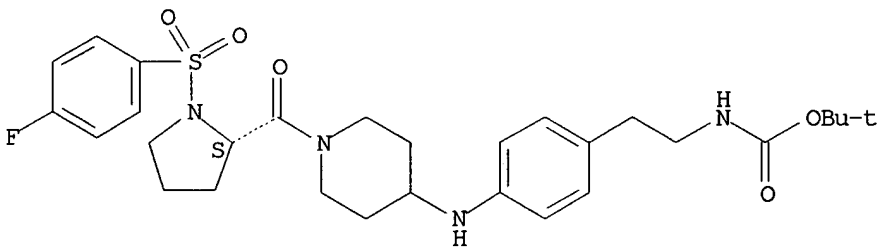
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002028832	A1	20020307	US 2001-903841	20010712
US 6451814	B2	20020917		

IT **392641-04-2P**, tert-Butyl 4-[[1-[[(2S)-1-[(4-fluorophenyl)sulfonyl]pyrrolidinyl]carbonyl]-4-piperidinyl]amino]phenethylcarbamate
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of heterocyclic amino alc. beta-3 adrenergic receptor agonists)

RN 392641-04-2 CAPLUS

CN Carbamic acid, [2-[4-[[1-[[(2S)-1-[(4-fluorophenyl)sulfonyl]-2-pyrrolidinyl]carbonyl]-4-piperidinyl]amino]phenyl]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS
2002:72044 Document No. 136:134675 Preparation of heterocyclic amino alcohol
beta-3 adrenergic receptor agonists. Ashwell, Mark Anthony; Solvibile, William Ronald; Quagliato, Dominick Anthony; Molinari, Albert John (American Home Products Corporation, USA). PCT Int. Appl. WO 2002006229 A2 20020124, 208 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US22327 20010716. PRIORITY: US 2000-PV218628 20000717.

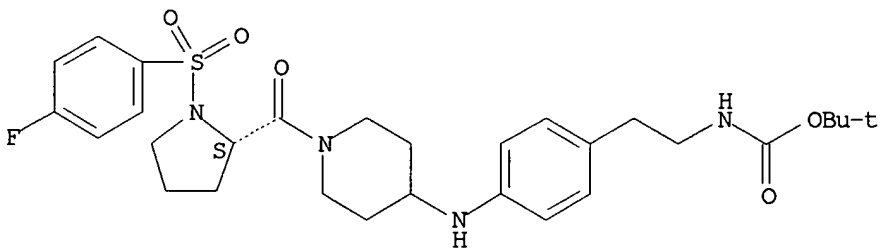
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002006229	A2	20020124	WO 2001-US22327	20010716
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002028832	A1	20020307	US 2001-903841	20010712
US 6451814	B2	20020917		

IT **392641-04-2P**, tert-Butyl 4-[[1-[[(2S)-1-[(4-fluorophenyl)sulfonyl]pyrrolidinyl]carbonyl]-4-piperidinyl]amino]phenethylcarbamate
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of heterocyclic amino alc. beta-3 adrenergic receptor agonists)

RN 392641-04-2 CAPLUS

CN Carbamic acid, [2-[4-[[1-[[(2S)-1-[(4-fluorophenyl)sulfonyl]-2-pyrrolidinyl]carbonyl]-4-piperidinyl]amino]phenyl]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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L11 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2002 ACS

2002:72037 Document No. 136:134667 Preparation of mercaptopyrrolidinecarboxamides related compounds as inhibitors of endothelin-converting enzyme. Aebi, Johannes; Blum, Denise; Bur, Daniel; Chucholowski, Alexander; Dehmlow, Henrietta; Kitas, Eric Argirios; Loeffler, Bernd Michael; Obst, Ulrike; Wallbaum, Sabine (F. Hoffmann-La Roche A.-G., Switz.). PCT Int. Appl. WO 2002006222 A1 20020124, 160 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-EP7950 20010710. PRIORITY: EP 2000-114947 20000719.

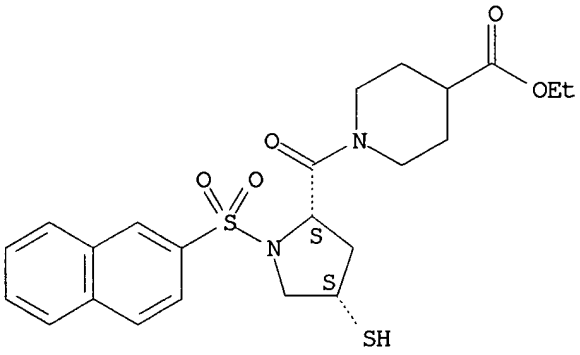
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002006222	A1	20020124	WO 2001-EP7950	20010710
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002049243	A1	20020425	US 2001-907135	20010717

IT **393153-57-6P 393153-58-7P 393153-78-1P**
393156-50-8P 393156-51-9P 393156-52-0P
393156-53-1P 393157-30-7P 393157-31-8P
393157-75-0P 393157-79-4P 393157-82-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of mercaptopyrrolidinecarboxamides as inhibitors of endothelin-converting enzyme)

RN 393153-57-6 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2002 ACS

2002:72037 Document No. 136:134667 Preparation of mercaptopyrrolidinecarboxamides related compounds as inhibitors of endothelin-converting enzyme. Aebi, Johannes; Blum, Denise; Bur, Daniel; Chucholowski, Alexander; Dehmlow, Henrietta; Kitas, Eric Argirios; Loeffler, Bernd Michael; Obst, Ulrike; Wallbaum, Sabine (F. Hoffmann-La Roche A.-G., Switz.). PCT Int. Appl. WO 2002006222 A1 20020124, 160 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-EP7950 20010710. PRIORITY: EP 2000-114947 20000719.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002006222	A1	20020124	WO 2001-EP7950	20010710
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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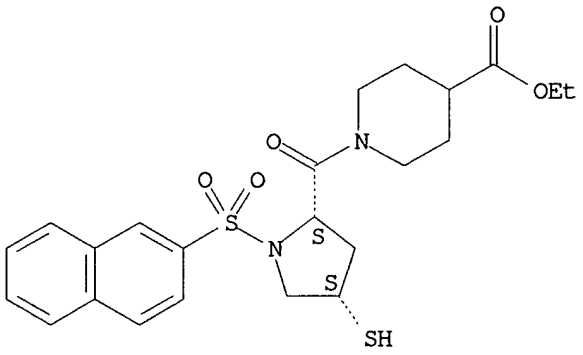
US 2002049243	A1	20020425	US 2001-907135	20010717

IT **393153-57-6P 393153-58-7P 393153-78-1P**
393156-50-8P 393156-51-9P 393156-52-0P
393156-53-1P 393157-30-7P 393157-31-8P
393157-75-0P 393157-79-4P 393157-82-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of mercaptopyrrolidinecarboxamides as inhibitors of endothelin-converting enzyme)

RN 393153-57-6 CAPLUS

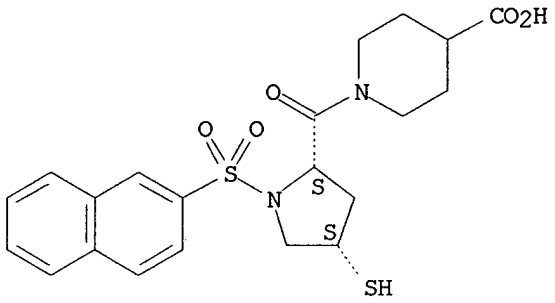
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



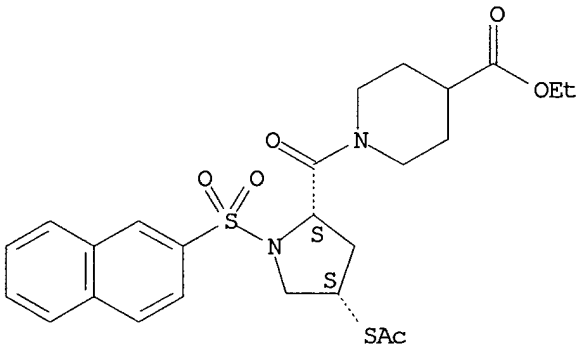
RN 393153-58-7 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393153-78-1 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-(acetylthio)-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

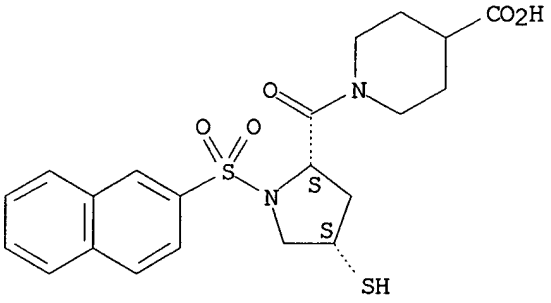


RN 393156-50-8 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-1-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

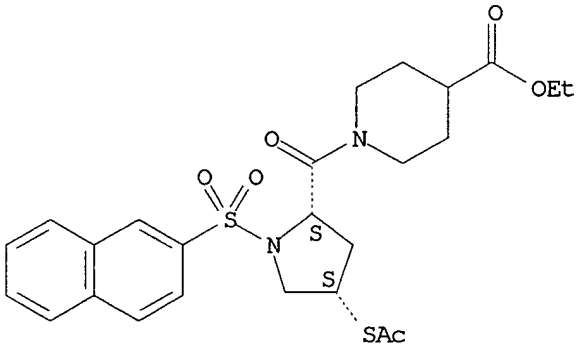
RN 393153-58-7 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



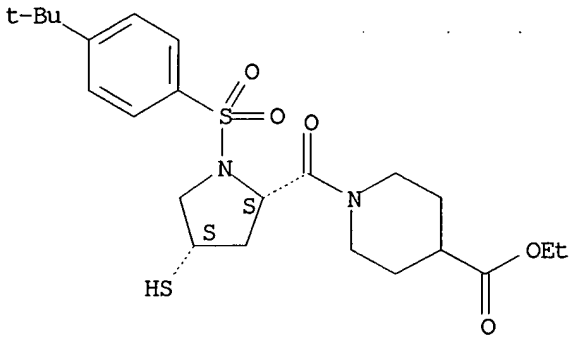
RN 393153-78-1 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-(acetylthio)-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



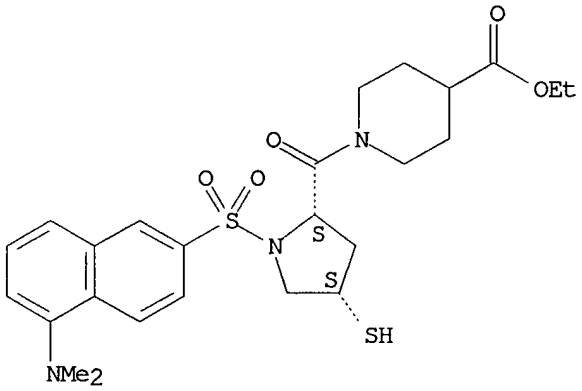
RN 393156-50-8 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-1-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



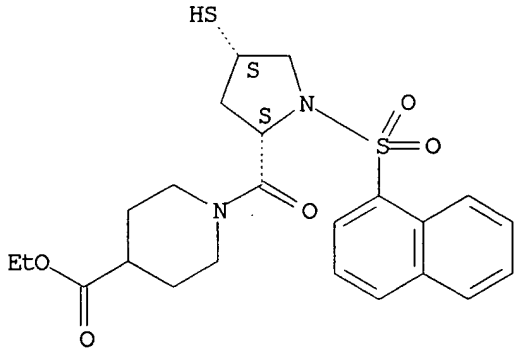
RN 393156-51-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-1-[[5-(dimethylamino)-2-naphthalenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

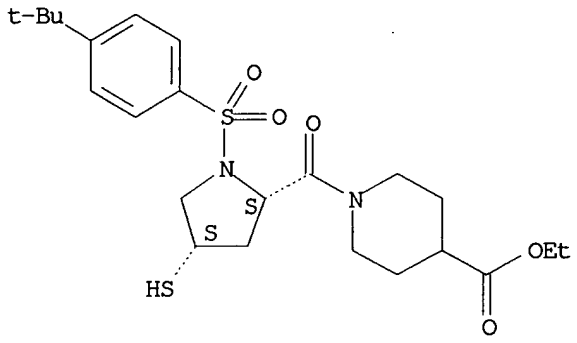
Absolute stereochemistry.



RN 393156-52-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(1-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

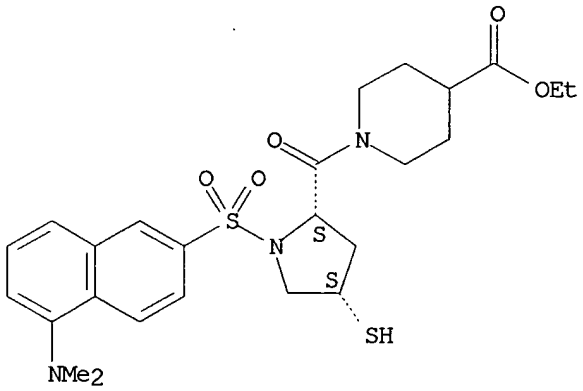
Absolute stereochemistry.





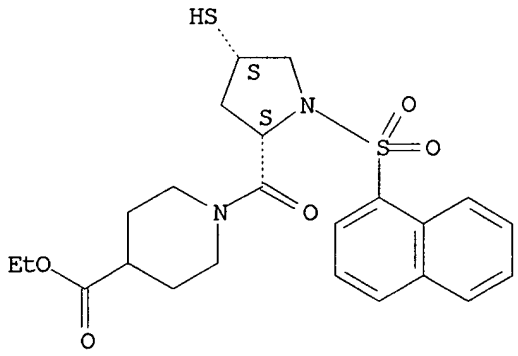
RN 393156-51-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-1-[[5-(dimethylamino)-2-naphthalenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



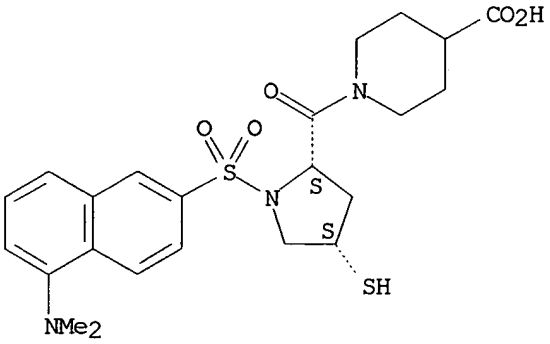
RN 393156-52-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(1-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



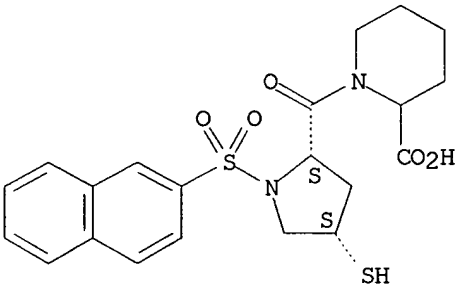
RN 393156-53-1 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-1-[[5-(dimethylamino)-2-naphthalenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



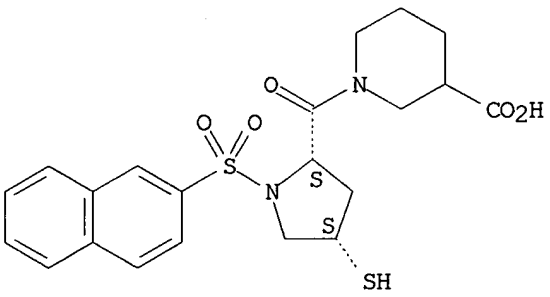
RN 393157-30-7 CAPLUS
CN 2-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393157-31-8 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

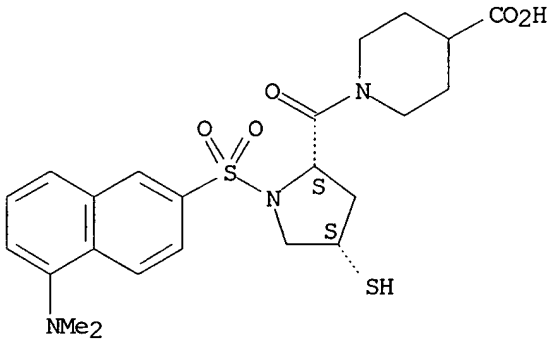
Absolute stereochemistry.



RN 393157-75-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4R)-4-mercapto-1-(2-

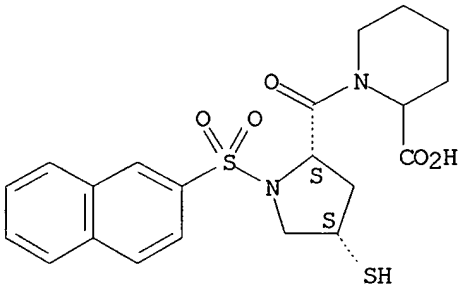
RN 393156-53-1 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-1-[[5-(dimethylamino)-2-naphthalenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



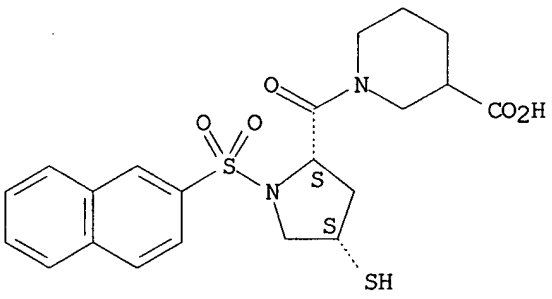
RN 393157-30-7 CAPLUS
CN 2-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393157-31-8 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

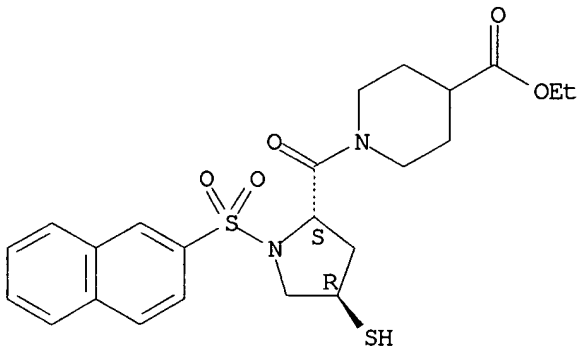
Absolute stereochemistry.



RN 393157-75-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4R)-4-mercapto-1-(2-

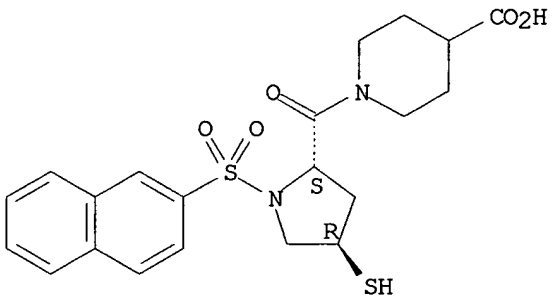
naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



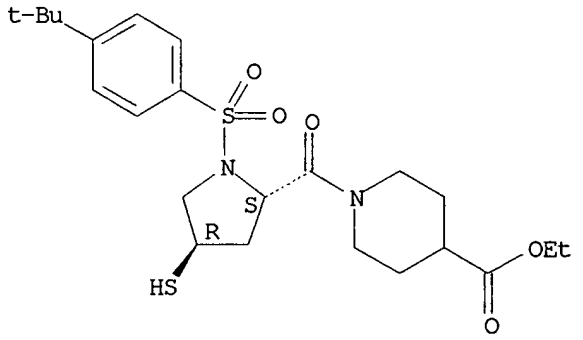
RN 393157-79-4 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4R)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



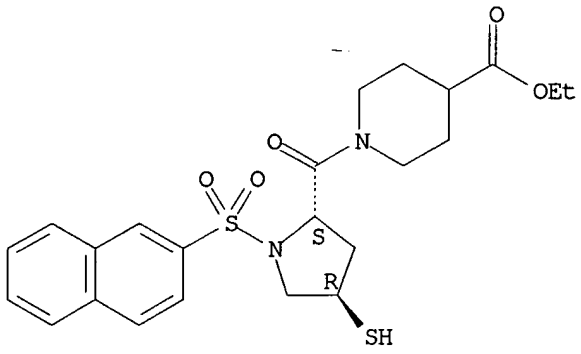
RN 393157-82-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4R)-1-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]-, ethyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



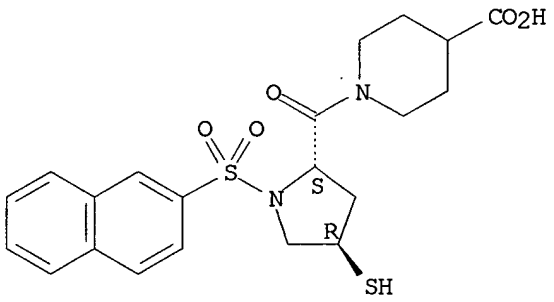
naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



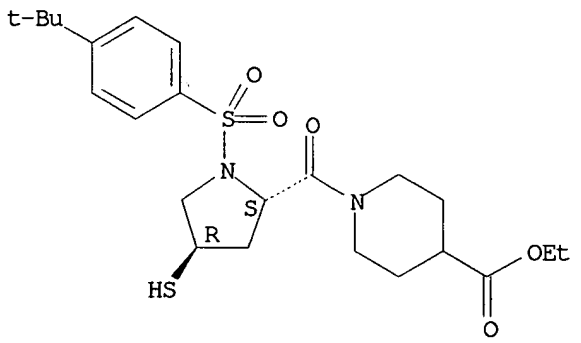
RN 393157-79-4 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4R)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393157-82-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4R)-1-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-4-mercapto-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

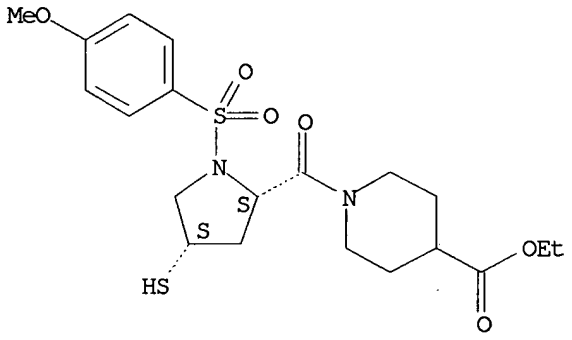
Absolute stereochemistry.



IT **393156-81-5 393156-82-6 393156-83-7**
393157-14-7 393157-15-8 393157-17-0
393157-18-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of mercaptopyrrolidinecarboxamides as inhibitors of endothelin-converting enzyme)

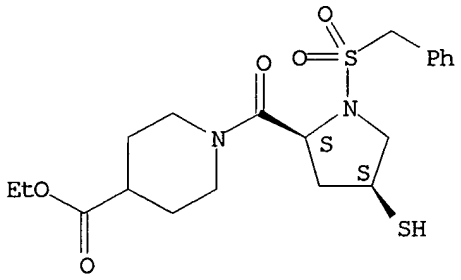
RN 393156-81-5 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-[(4-methoxyphenyl)sulfonyl]-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393156-82-6 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-[(phenylmethyl)sulfonyl]-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



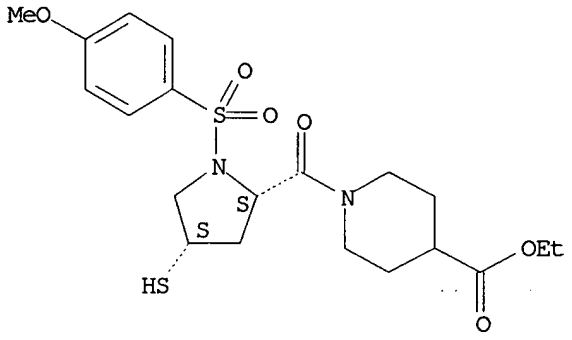
RN 393156-83-7 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-thienylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

IT **393156-81-5 393156-82-6 393156-83-7**
393157-14-7 393157-15-8 393157-17-0
393157-18-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of mercaptopyrrolidinecarboxamides as inhibitors of endothelin-converting enzyme)

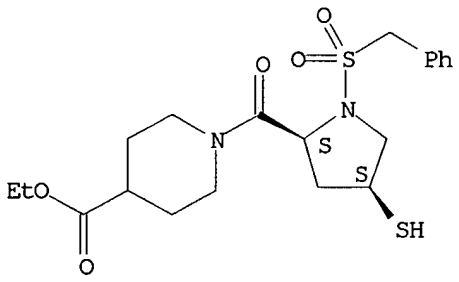
RN 393156-81-5 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-[(4-methoxyphenyl)sulfonyl]-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



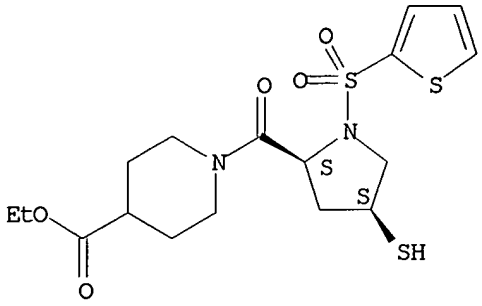
RN 393156-82-6 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-[(phenylmethyl)sulfonyl]-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



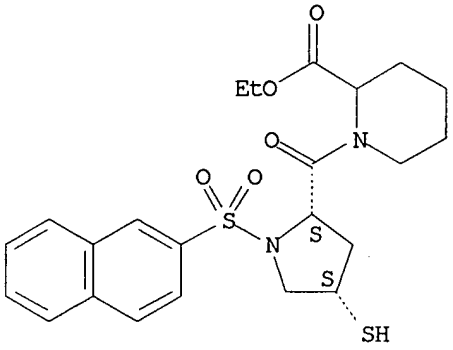
RN 393156-83-7 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-thienylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



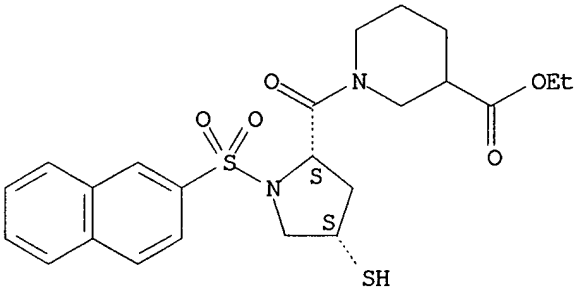
RN 393157-14-7 CAPLUS
CN 2-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



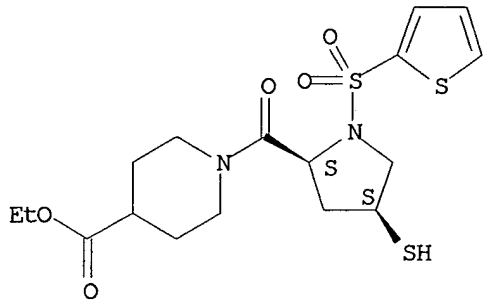
RN 393157-15-8 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



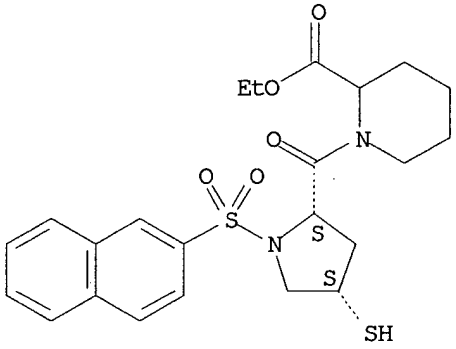
RN 393157-17-0 CAPLUS
CN 4-Piperidinol, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



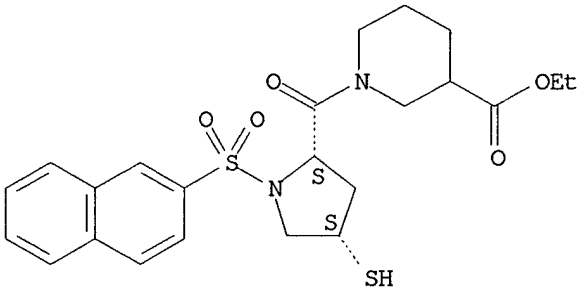
RN 393157-14-7 CAPLUS
CN 2-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



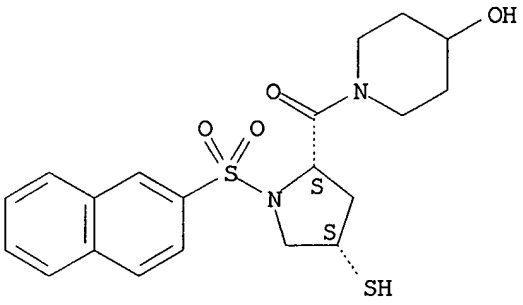
RN 393157-15-8 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



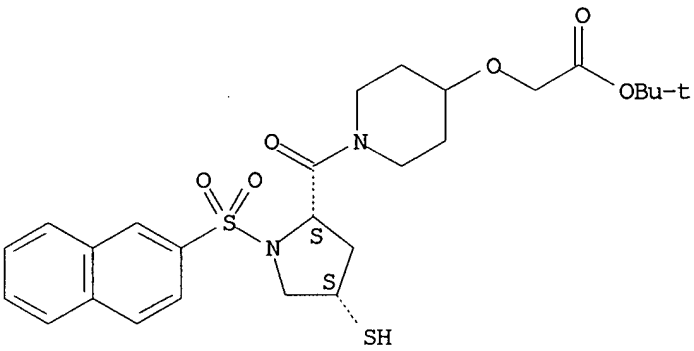
RN 393157-17-0 CAPLUS
CN 4-Piperidinol, 1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



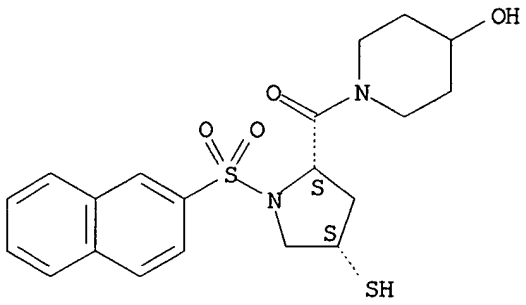
RN 393157-18-1 CAPLUS
CN Acetic acid, [[1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-4-piperidinyl]oxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



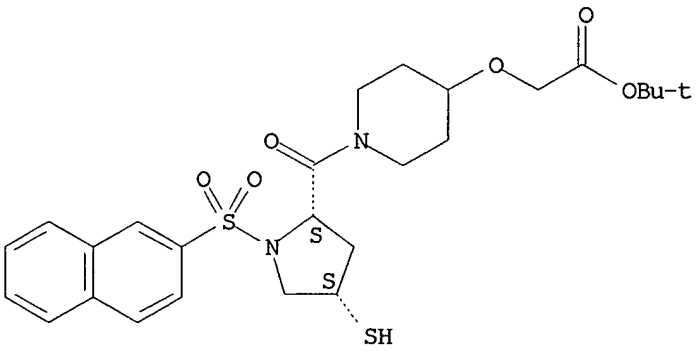
IT **393156-49-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of mercaptopyrrolidinecarboxamides as inhibitors of endothelin-converting enzyme)
RN 393156-49-5 CAPLUS
CN 4-Piperidinecarboxylic acid, 1,1'-[dithiobis[[(2S,4S)-1-(2-naphthalenylsulfonyl)-4,2-pyrrolidinediyl]carbonyl]]bis-, diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393157-18-1 CAPLUS
CN Acetic acid, [[1-[[(2S,4S)-4-mercapto-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-4-piperidinyl]oxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

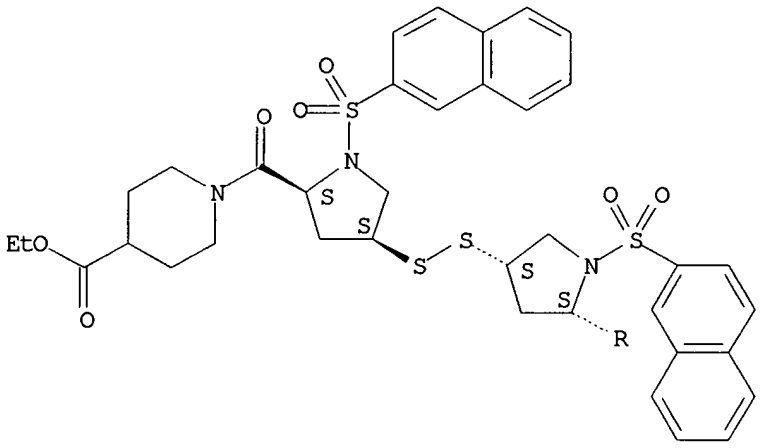
Absolute stereochemistry.



IT **393156-49-5P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of mercaptopyrrolidinecarboxamides as inhibitors of endothelin-converting enzyme)
RN 393156-49-5 CAPLUS
CN 4-Piperidinecarboxylic acid, 1,1'-[dithiobis[[(2S,4S)-1-(2-naphthalenylsulfonyl)-4,2-pyrrolidinediyl]carbonyl]]bis-, diethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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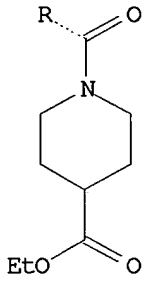

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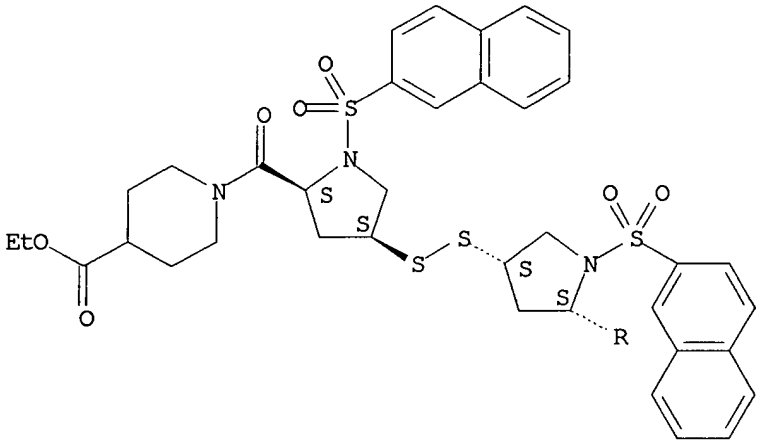

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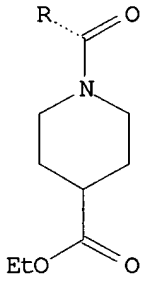

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L11 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS

1993:539091 Document No. 119:139091 Preparation of 1-phenylsulfonyl-3-hydroxyindoline-2-carboxamides as oxytocin and vasopressin antagonists. Wagnon, Jean; Serradeil-Legal, Claudine; Tonnerre, Bernard; Plouzane, Claude; Nisato, Dino (Elf Sanofi, Fr.). Eur. Pat. Appl. EP 526348 A1 19930203, 71 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE. (French). CODEN: EPXXDW. APPLICATION: EP 1992-402213 19920803. PRIORITY: FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 526348	A1	19930203	EP 1992-402213	19920803
	EP 526348	B1	19980218		
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	FR 2679903	B1	19931203		
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	CA 2093221	C	19980922		
	WO 9303013	A1	19930218	WO 1992-FR758	19920731
	W: AU, BR, CA, CS, FI, HU, JP, KR, NO, RU				
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	LT 3064	B	19941025	LT 1992-114	19920731
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IT **149129-33-9P 149129-34-0P 149129-37-3P 149129-50-0P 149129-51-1P 149129-67-9P 149129-68-0P 149151-52-0P 149151-53-1P 149151-72-4P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as oxytocin and vasopressin antagonist)

RN 149129-33-9 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L11 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS

1993:539091 Document No. 119:139091 Preparation of 1-phenylsulfonyl-3-hydroxyindoline-2-carboxamides as oxytocin and vasopressin antagonists. Wagnon, Jean; Serradeil-Legal, Claudine; Tonnerre, Bernard; Plouzane, Claude; Nisato, Dino (Elf Sanofi, Fr.). Eur. Pat. Appl. EP 526348 A1 19930203, 71 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE. (French). CODEN: EPXXDW. APPLICATION: EP 1992-402213 19920803. PRIORITY: FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	JP 06501960	T2	19940303	JP 1993-503337	19920731
	LT 3064	B	19941025	LT 1992-114	19920731
	LV 10091	B	19950420	LV 1992-87	19920731
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	IL 117592	A1	19990411	IL 1992-117592	19920731
	CZ 288173	B6	20010516	CZ 1993-682	19920731
	AT 163289	E	19980315	AT 1992-402213	19920803
	ES 2117038	T3	19980801	ES 1992-402213	19920803
	NO 9301262	A	19930526	NO 1993-1262	19930401
	NO 180047	B	19961028		
	NO 180047	C	19970205		
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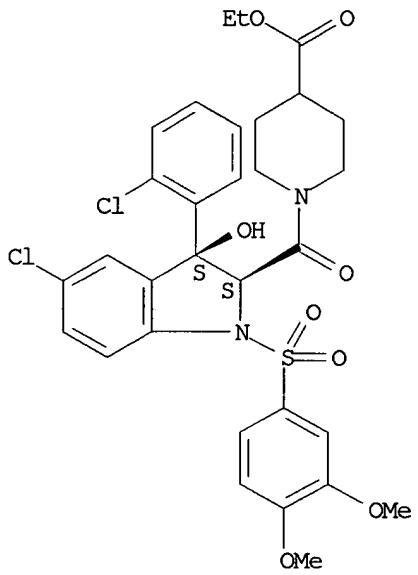
	AU 691223	B2	19980514		
	FI 9800175	A	19980127	FI 1998-175	19980127

IT **149129-33-9P 149129-34-0P 149129-37-3P 149129-50-0P 149129-51-1P 149129-67-9P 149129-68-0P 149151-52-0P 149151-53-1P 149151-72-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as oxytocin and vasopressin antagonist)

RN 149129-33-9 CAPLUS

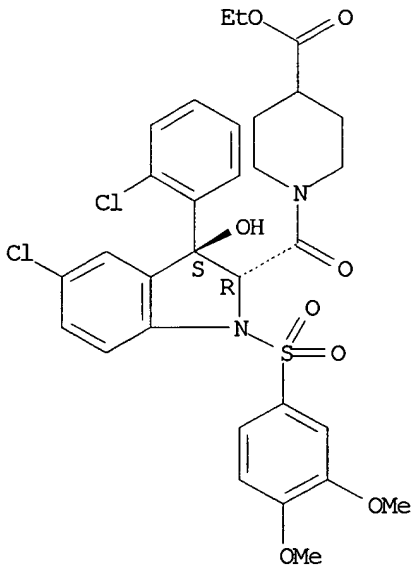
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



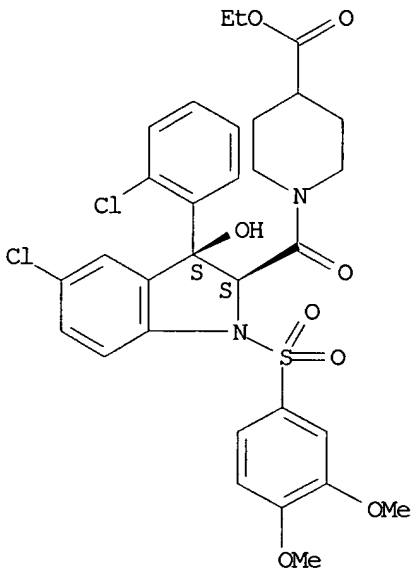
RN 149129-34-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 149129-37-3 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 149129-34-0 CAPLUS
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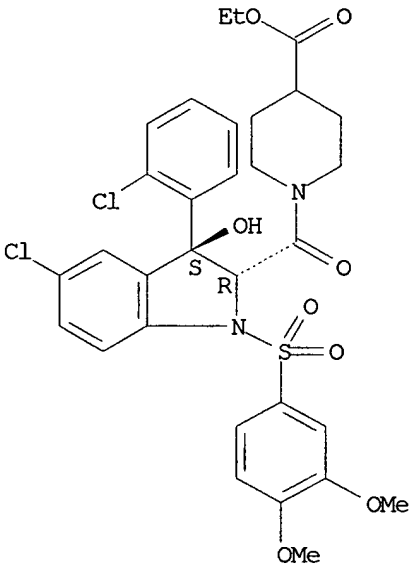
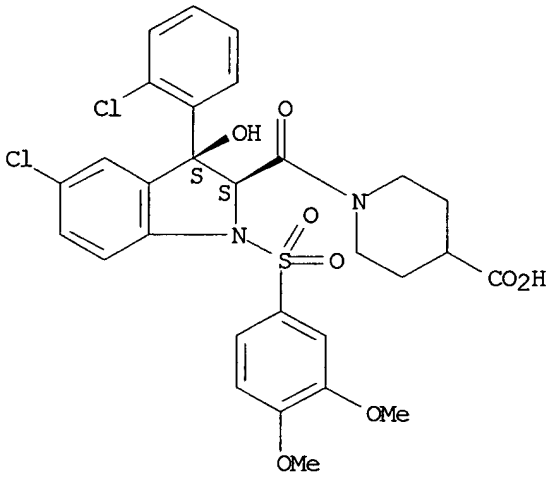
Relative stereochemistry.



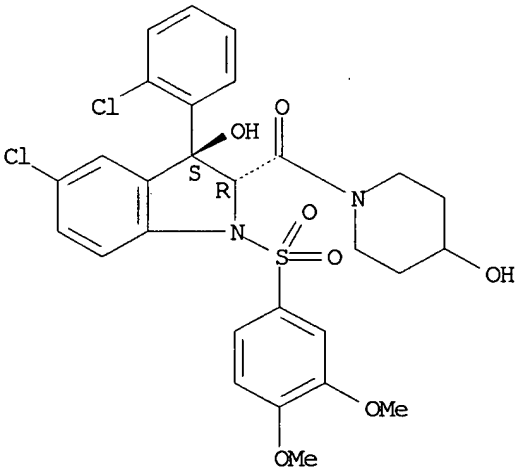
RN 149129-37-3 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



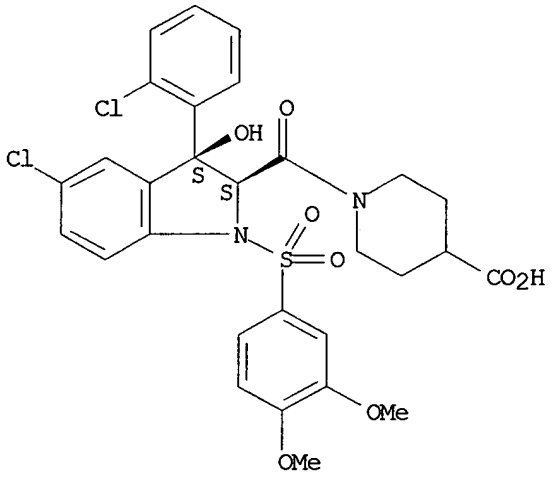
RN 149129-50-0 CAPLUS
CN 4-Piperidinol, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 149129-51-1 CAPLUS
CN 4-Piperidinol, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



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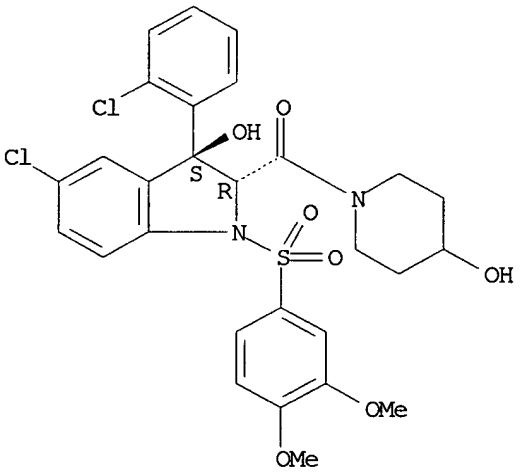
Relative stereochemistry.



RN 149129-51-1 CAPLUS
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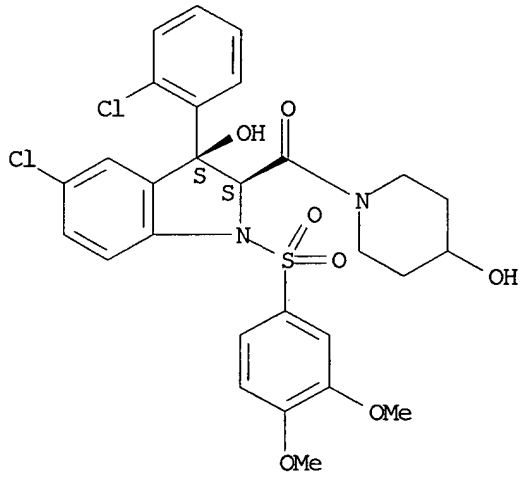
Relative stereochemistry.



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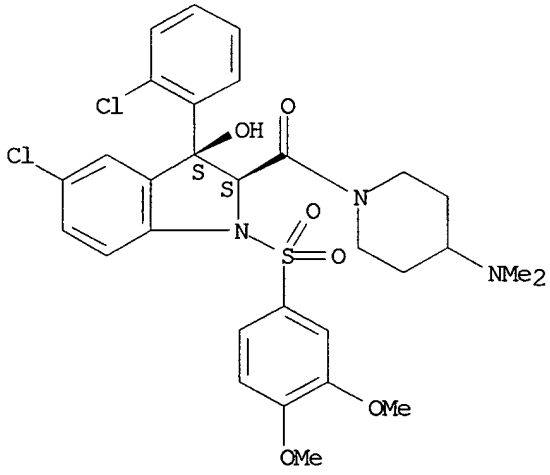
Relative stereochemistry.



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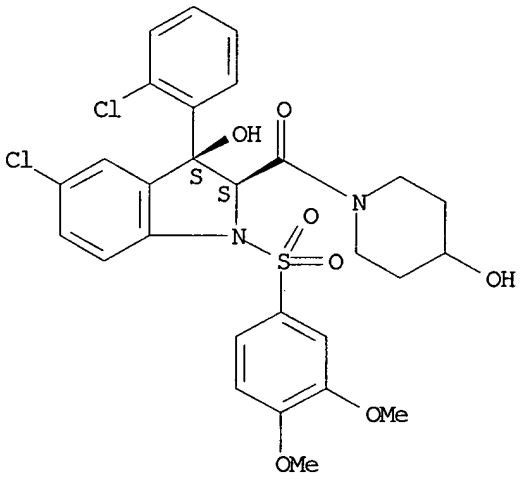
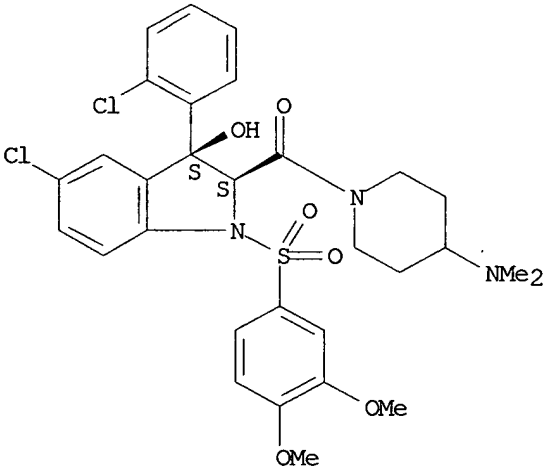
Relative stereochemistry.



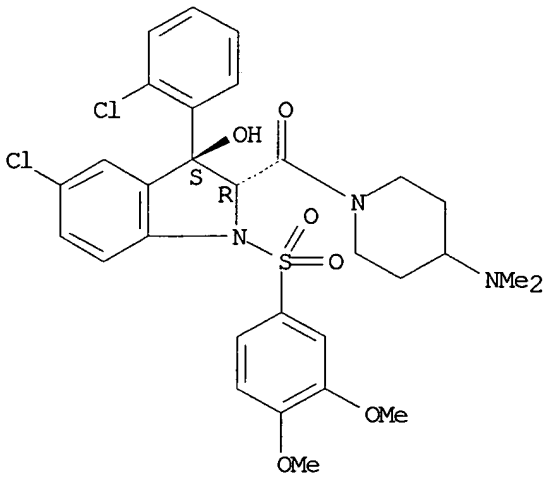
RN 149129-67-9 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 149129-68-0 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 149151-52-0 CAPLUS
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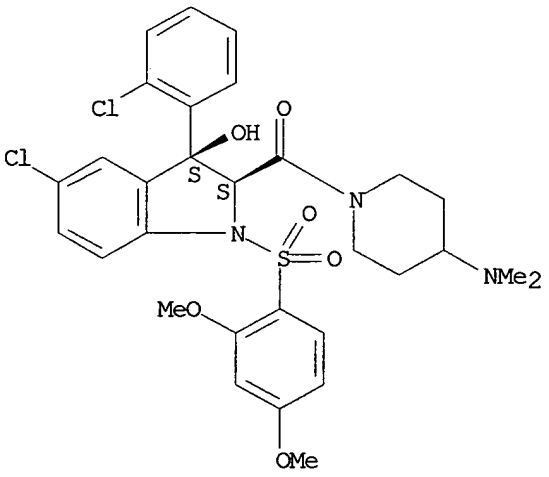
Relative stereochemistry.



RN 149151-53-1 CAPLUS
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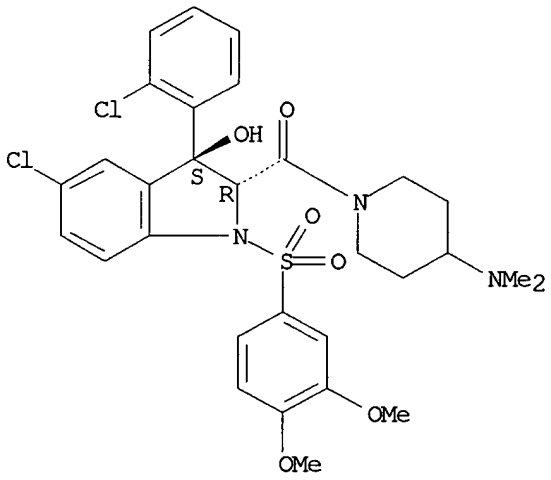
Relative stereochemistry.



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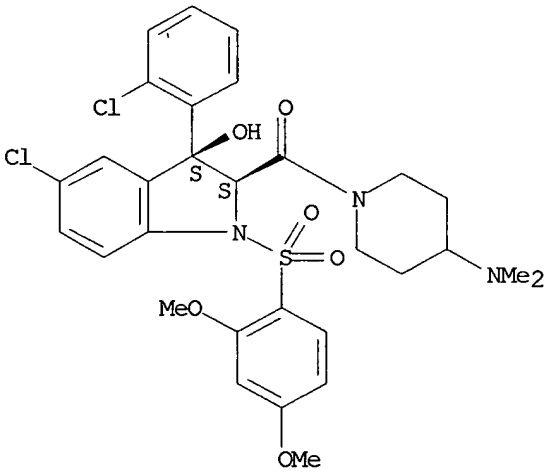
Relative stereochemistry.



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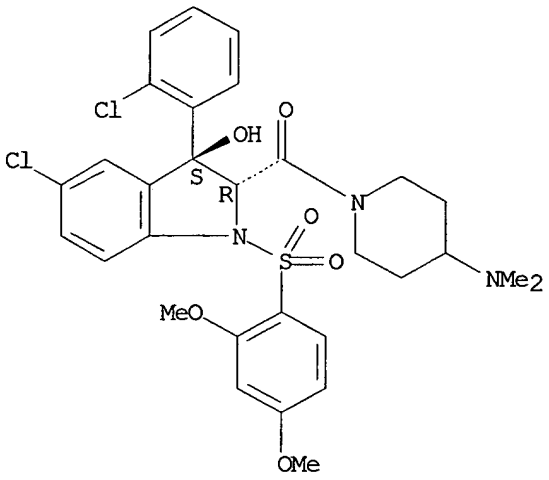
Relative stereochemistry.



RN 149151-72-4 CAPLUS
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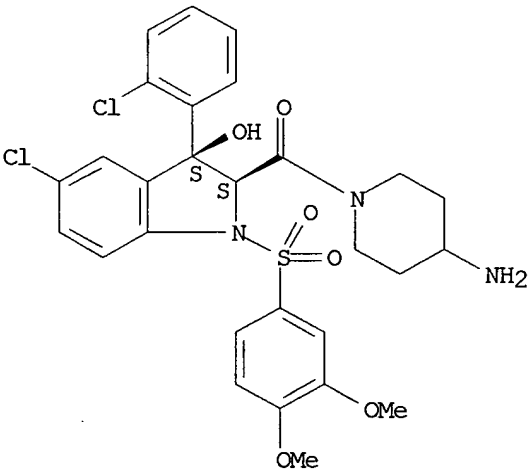
CM 1

CRN 149151-71-3
CMF C28 H29 Cl2 N3 O6 S

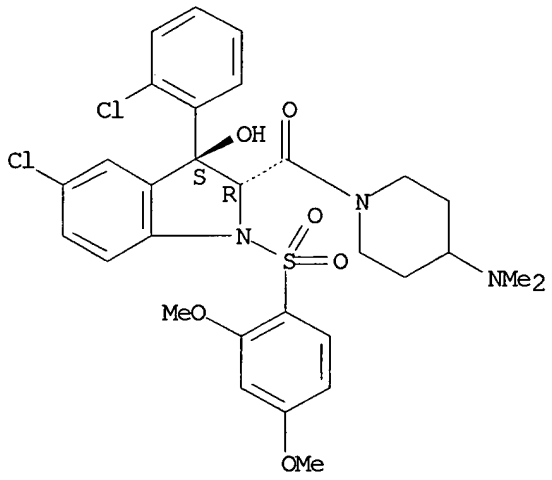
Relative stereochemistry.



CM 2

CRN 110-17-8
CMF C4 H4 O4

Double bond geometry as shown.

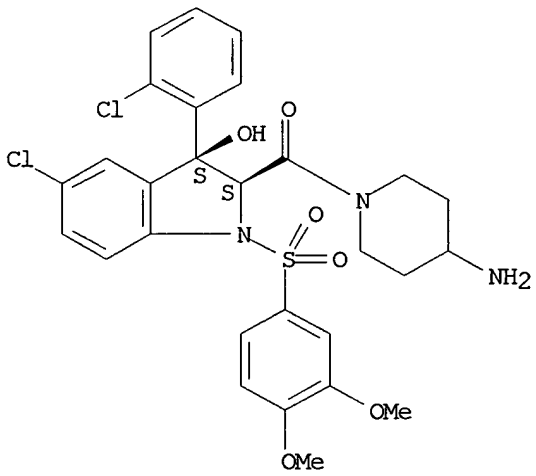


RN 149151-72-4 CAPLUS
CN 4-Piperidinamine, 1-[[(2R,3R)-5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, rel-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 149151-71-3
CMF C28 H29 Cl2 N3 O6 S

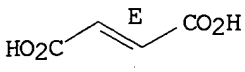
Relative stereochemistry.



CM 2

CRN 110-17-8
CMF C4 H4 O4

Double bond geometry as shown.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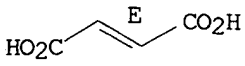
HO2C
CO2H


E
HO2C
CO2H

L11 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS
1995:777639 Document No. 123:198616 Preparation of N-sulfonylindoline derivatives with affinity for vasopressin and oxytocin receptors.
Wagnon,
Jean; de Cointet, Paul; Nisato, Dino; Plouzane, Claude; Sereadeil-Legal, Claudine; Tonnerre, Bernard (Elf Sanofi, Fr.). U.S. US 5338755 A 19940816, 50 pp. Cont.-in-part of U.S. Ser. No.737,655, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1992-923839 19920803. PRIORITY: FR 1990-9778 19900731; US 1991-737655 19910730; FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5338755	A	19940816	US 1992-923839	19920803
	FR 2665441	A1	19920207	FR 1990-9778	19900731
	FR 2665441	B1	19921204		
	IL 114934	A1	19960804	IL 1991-114934	19910730
	HU 219351	B	20010328	HU 1971-99045	19910731
	FR 2679903	A1	19930205	FR 1991-9908	19910802
	FR 2679903	B1	19931203		
	AU 9224758	A1	19930302	AU 1992-24758	19920731
	AU 658664	B2	19950427		
	BR 9205336	A	19931116	BR 1992-5336	19920731
	JP 06501960	T2	19940303	JP 1993-503337	19920731
	RU 2104268	C1	19980210	RU 1993-5168	19920731
	IL 117592	A1	19990411	IL 1992-117592	19920731
	CZ 288173	B6	20010516	CZ 1993-682	19920731
	NO 9301262	A	19930526	NO 1993-1262	19930401
	NO 180047	B	19961028		
	NO 180047	C	19970205		
	US 5397801	A	19950314	US 1994-240360	19940510
	US 5481005	A	19960102	US 1994-348150	19941128
	US 5578633	A	19961126	US 1995-458614	19950602
	FI 9800175	A	19980127	FI 1998-175	19980127

IT **149129-33-9P 149129-34-0P 149129-37-3P 149129-50-0P 149129-51-1P 149129-67-9P 149129-68-0P 149151-52-0P 149151-53-1P 167400-76-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-sulfonylindoline derivs. with affinity for vasopressin and oxytocin receptors)
RN 149129-33-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

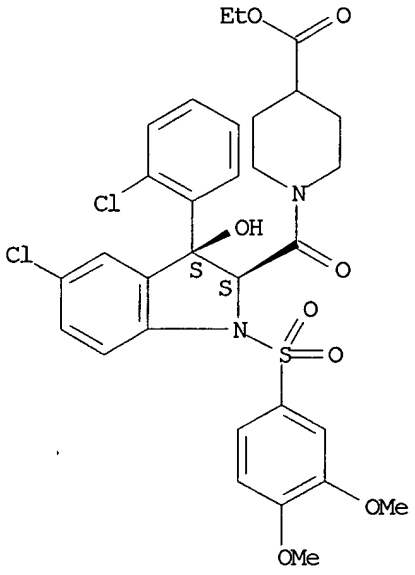
L11 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS
1995:777639 Document No. 123:198616 Preparation of N-sulfonylindoline derivatives with affinity for vasopressin and oxytocin receptors.. Wagnon, Jean; de Cointet, Paul; Nisato, Dino; Plouzane, Claude; Sereadeil-Legal, Claudine; Tonnerre, Bernard (Elf Sanofi, Fr.). U.S. US 5338755 A 19940816, 50 pp. Cont.-in-part of U.S. Ser. No.737,655, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1992-923839 19920803. PRIORITY: FR 1990-9778 19900731; US 1991-737655 19910730; FR 1991-9908 19910802.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5338755	A	19940816	US 1992-923839	19920803
	FR 2665441	A1	19920207	FR 1990-9778	19900731
	FR 2665441	B1	19921204		
	IL 114934	A1	19960804	IL 1991-114934	19910730
	HU 219351	B	20010328	HU 1971-99045	19910731
	FR 2679903	A1	19930205	FR 1991-9908	19910802
	FR 2679903	B1	19931203		
	AU 9224758	A1	19930302	AU 1992-24758	19920731
	AU 658664	B2	19950427		
	BR 9205336	A	19931116	BR 1992-5336	19920731
	JP 06501960	T2	19940303	JP 1993-503337	19920731
	RU 2104268	C1	19980210	RU 1993-5168	19920731
	IL 117592	A1	19990411	IL 1992-117592	19920731
	CZ 288173	B6	20010516	CZ 1993-682	19920731
	NO 9301262	A	19930526	NO 1993-1262	19930401
	NO 180047	B	19961028		
	NO 180047	C	19970205		
	US 5397801	A	19950314	US 1994-240360	19940510
	US 5481005	A	19960102	US 1994-348150	19941128
	US 5578633	A	19961126	US 1995-458614	19950602
	FI 9800175	A	19980127	FI 1998-175	19980127

IT **149129-33-9P 149129-34-0P 149129-37-3P 149129-50-0P 149129-51-1P 149129-67-9P 149129-68-0P 149151-52-0P 149151-53-1P 167400-76-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-sulfonylindoline derivs. with affinity for vasopressin and oxytocin receptors)

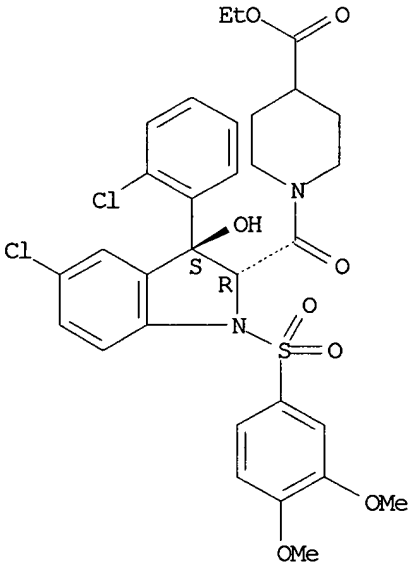
RN 149129-33-9 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



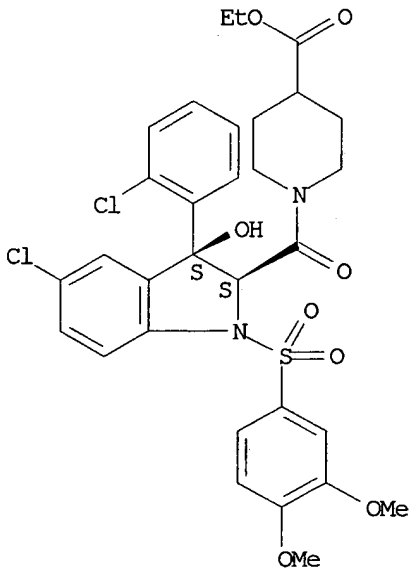
RN 149129-34-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



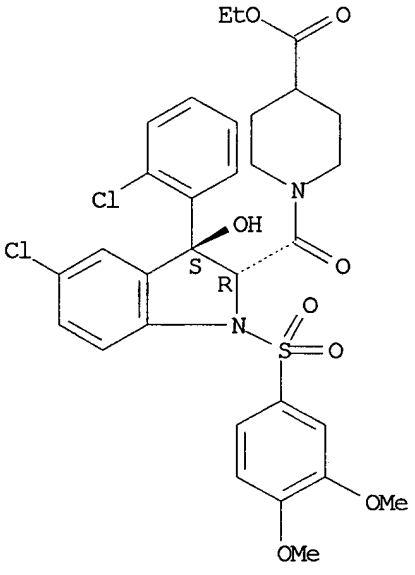
RN 149129-37-3 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



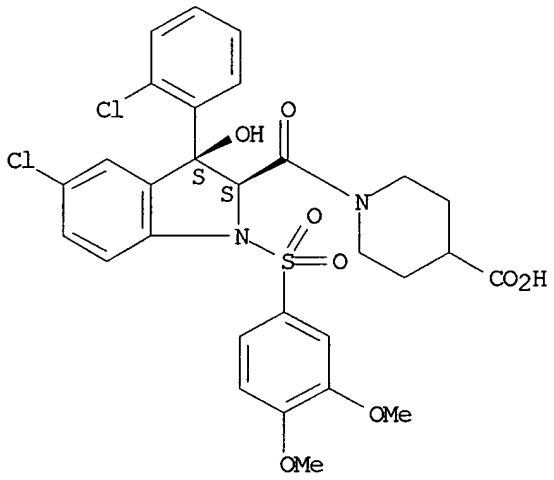
RN 149129-34-0 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, ethyl ester, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



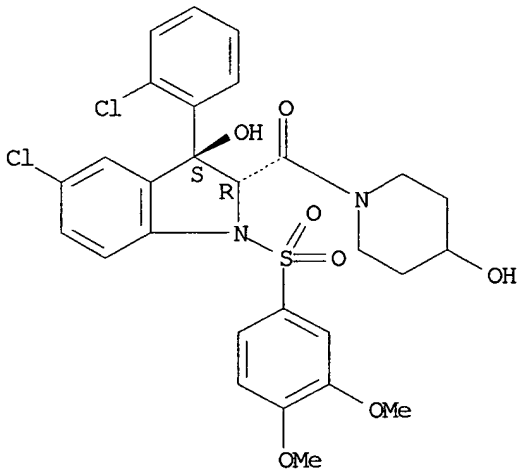
RN 149129-37-3 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



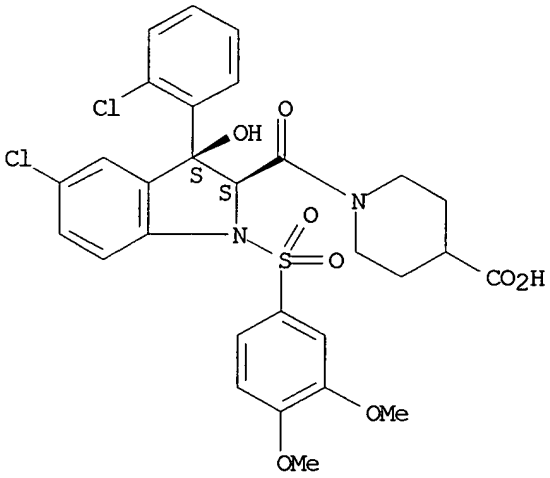
RN 149129-50-0 CAPLUS
CN 4-Piperidinol, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



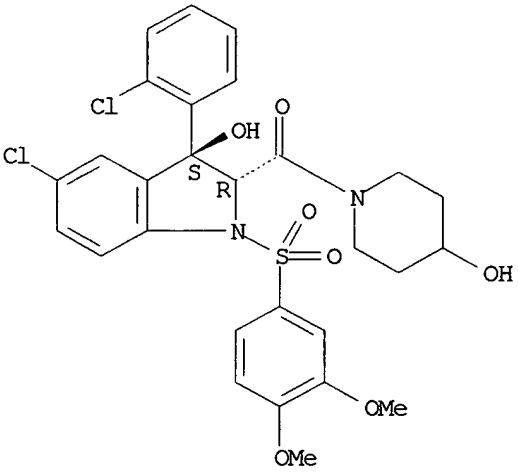
RN 149129-51-1 CAPLUS
CN 4-Piperidinol, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



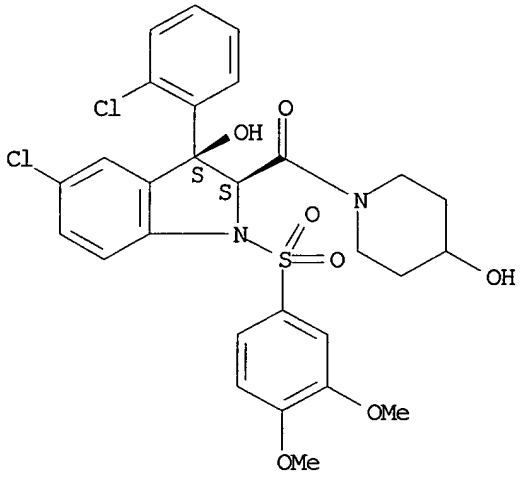
RN 149129-50-0 CAPLUS
CN 4-Piperidinol, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



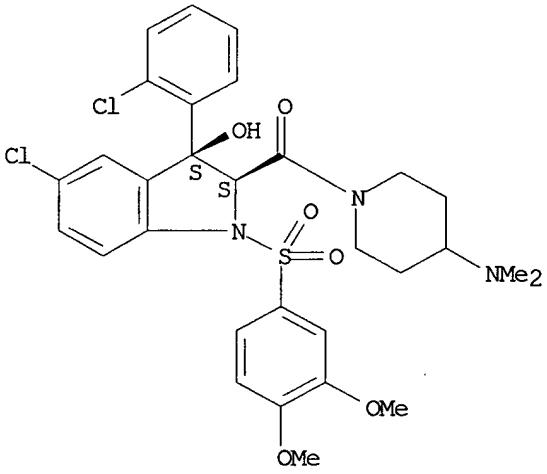
RN 149129-51-1 CAPLUS
CN 4-Piperidinol, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



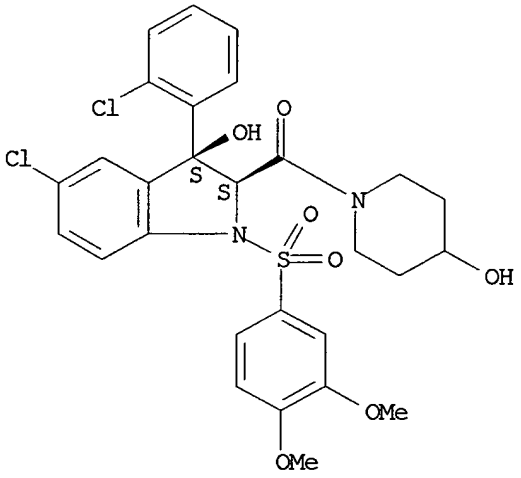
RN 149129-67-9 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



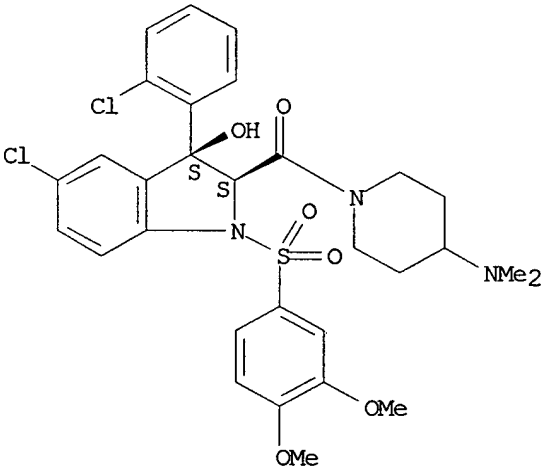
RN 149129-68-0 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



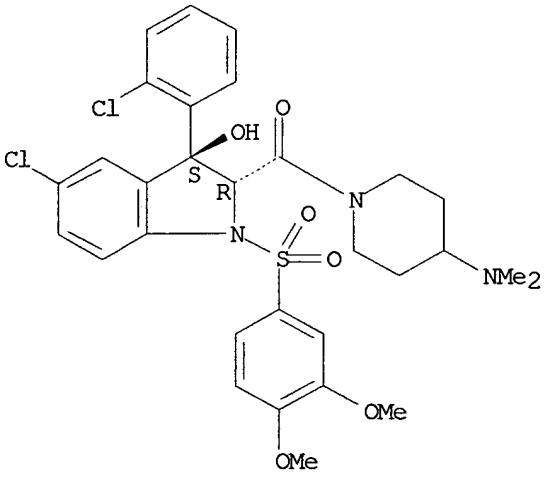
RN 149129-67-9 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



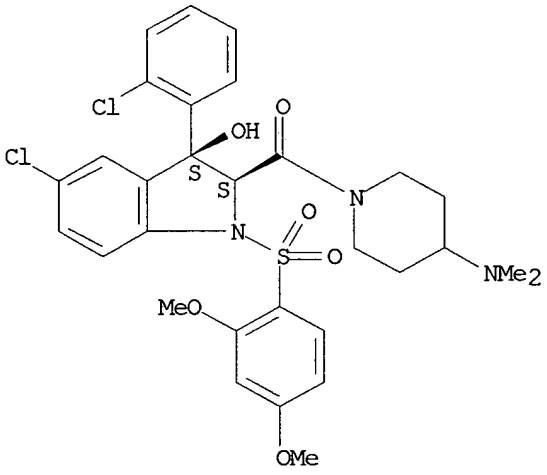
RN 149129-68-0 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



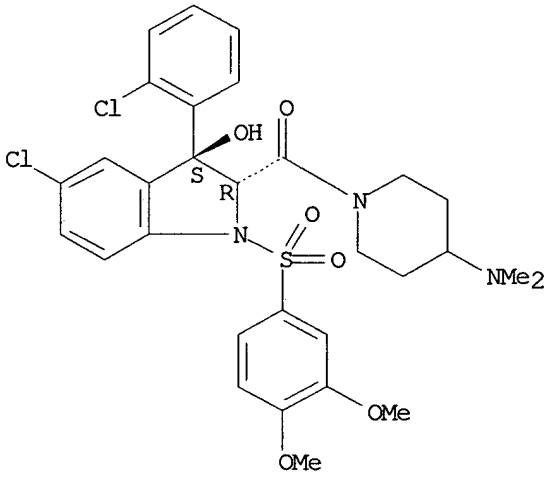
RN 149151-52-0 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



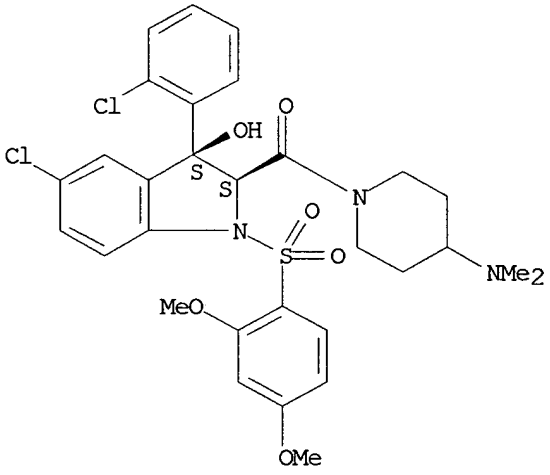
RN 149151-53-1 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



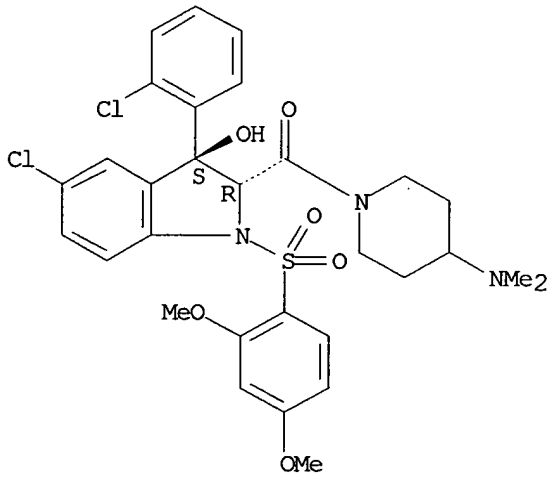
RN 149151-52-0 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 149151-53-1 CAPLUS
CN 4-Piperidinamine, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-N,N-dimethyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

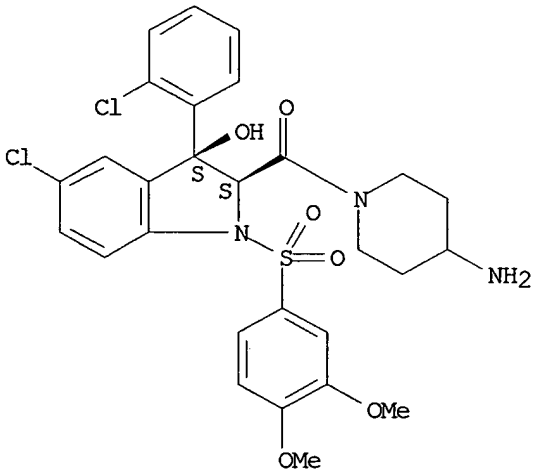


RN 167400-76-2 CAPLUS
CN 4-Piperidinamine, 1-[[(2R,3R)-5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, rel-, (2E)-2-butenedioate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 149151-71-3
CMF C28 H29 Cl2 N3 O6 S

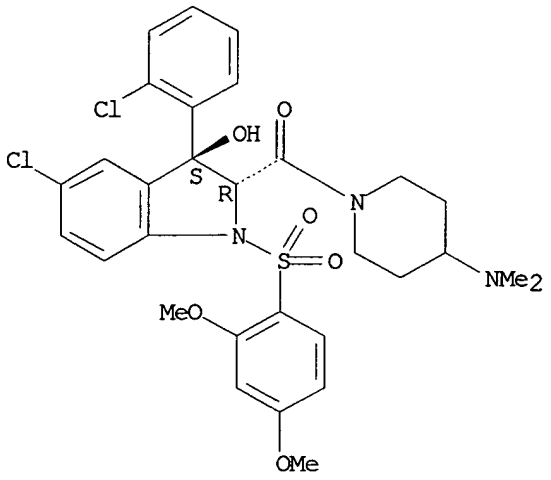
Relative stereochemistry.



CM 2

CRN 110-17-8
CMF C4 H4 O4

Double bond geometry as shown.

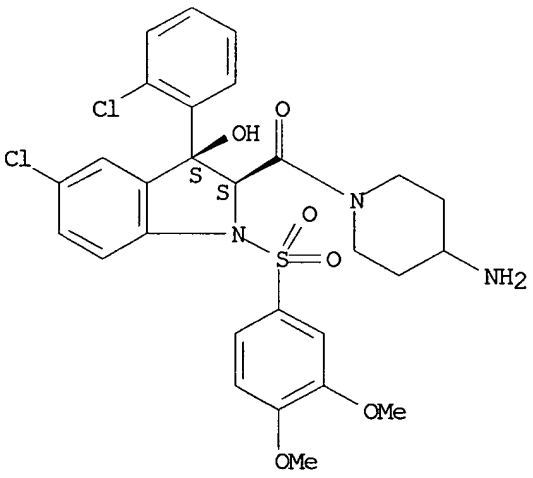


RN 167400-76-2 CAPLUS
CN 4-Piperidinamine, 1-[[(2R,3R)-5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-, rel-, (2E)-2-butenedioate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 149151-71-3
CMF C28 H29 Cl2 N3 O6 S

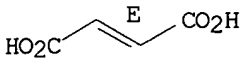
Relative stereochemistry.



CM 2

CRN 110-17-8
CMF C4 H4 O4

Double bond geometry as shown.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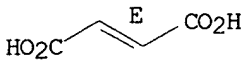
CO2H


E
HO2C
CO2H

L11 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2002 ACS

1995:294617 Document No. 123:144625 Heteroaromatic amine thrombin inhibitors. Misra, Raj N.; Hall, Steven E. (Bristol-Myers Squibb Co., USA). U.S. US 5371091 A 19941206, 19 pp. Cont.-in-part of U.S. Ser. No. 937, 271, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1993-76224 19930614. PRIORITY: US 1992-937271 19920831.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5371091	A	19941206	US 1993-76224	19930614

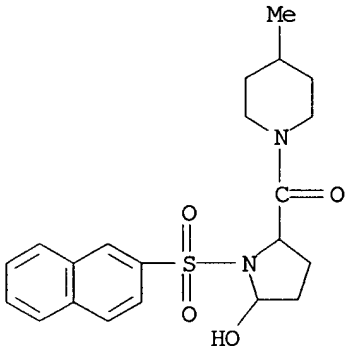
IT **166249-59-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(heteroarom. amine sulfonamide thrombin inhibitors)

RN 166249-59-8 CAPLUS

CN Piperidine, 1-[[5-hydroxy-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-4-methyl- (9CI) (CA INDEX NAME)



L11 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2002 ACS

1995:294617 Document No. 123:144625 Heteroaromatic amine thrombin inhibitors. Misra, Raj N.; Hall, Steven E. (Bristol-Myers Squibb Co., USA). U.S. US 5371091 A 19941206, 19 pp. Cont.-in-part of U.S. Ser. No. 937, 271, abandoned. (English). CODEN: USXXAM. APPLICATION: US 1993-76224 19930614. PRIORITY: US 1992-937271 19920831.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5371091	A	19941206	US 1993-76224	19930614

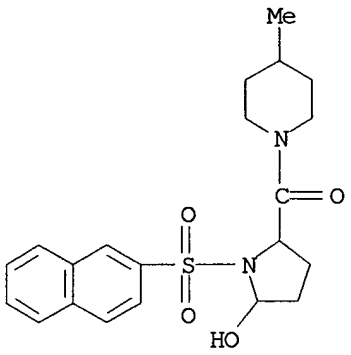
IT **166249-59-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(heteroarom. amine sulfonamide thrombin inhibitors)

RN 166249-59-8 CAPLUS

CN Piperidine, 1-[[5-hydroxy-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]carbonyl]-4-methyl- (9CI) (CA INDEX NAME)



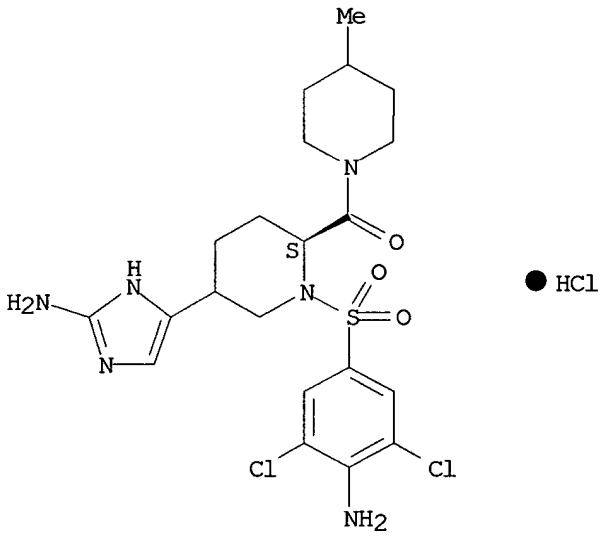
L11 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2002 ACS
1997:500244 Document No. 127:135800 Preparation of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors. Grell, Wolfgang; Haaksma, Eric; Binder, Klaus; Zimmermann, Rainer; Wienen, Wolfgang; Hallermayer, Gerhard (Dr. Karl Thomae Gmbh, Germany). Ger. Offen. DE 19548797 A1 19970703, 65 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1995-19548797 19951227.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19548797	A1	19970703	DE 1995-19548797	19951227

IT **193018-59-6P 193018-73-4P 193018-74-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors)

RN 193018-59-6 CAPLUS
CN Piperidine, 1-[[1-[(4-amino-3,5-dichlorophenyl)sulfonyl]-5-(2-amino-1H-imidazol-4-yl)-2-piperidinyl]carbonyl]-4-methyl-, monohydrochloride, (2S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



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Absolute stereochemistry.

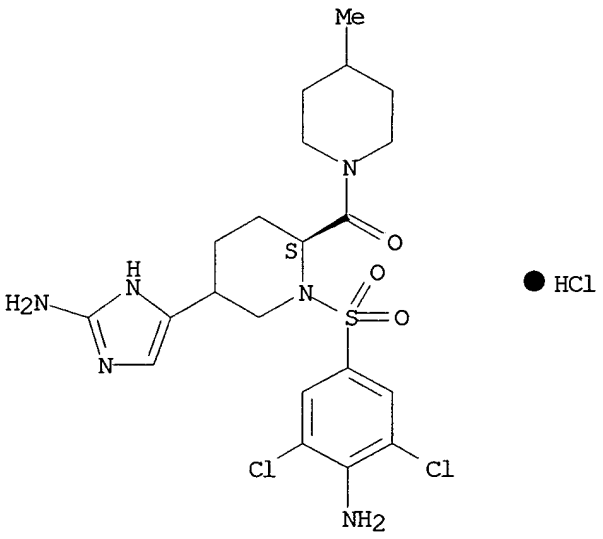
L11 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2002 ACS
1997:500244 Document No. 127:135800 Preparation of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors. Grell, Wolfgang; Haaksma, Eric; Binder, Klaus; Zimmermann, Rainer; Wienen, Wolfgang; Hallermayer, Gerhard (Dr. Karl Thomae Gmbh, Germany). Ger. Offen. DE 19548797 A1 19970703, 65 pp. (German). CODEN: GWXXBX. APPLICATION: DE 1995-19548797 19951227.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19548797	A1	19970703	DE 1995-19548797	19951227

IT **193018-59-6P 193018-73-4P 193018-74-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of .alpha.-arylsulfonamido-.omega.-(aminoimidazolyl)alkenoyl piperidides and analogs as thrombin inhibitors)

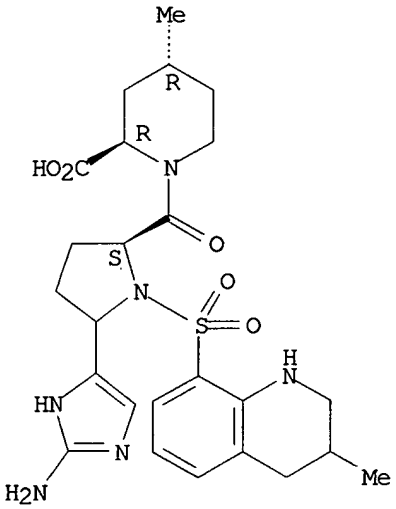
RN 193018-59-6 CAPLUS
CN Piperidine, 1-[[1-[(4-amino-3,5-dichlorophenyl)sulfonyl]-5-(2-amino-1H-imidazol-4-yl)-2-piperidinyl]carbonyl]-4-methyl-, monohydrochloride, (2S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 193018-73-4 CAPLUS
CN 2-Piperidinecarboxylic acid, 1-[[5-(2-amino-1H-imidazol-4-yl)-1-[(1,2,3,4-tetrahydro-3-methyl-8-quinolinyl)sulfonyl]-2-pyrrolidinyl]carbonyl]-4-methyl-, hydrochloride (2:3), [2R-[1(2S*),2.alpha.,4.beta.]]-[partial]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



●3/2 HCl

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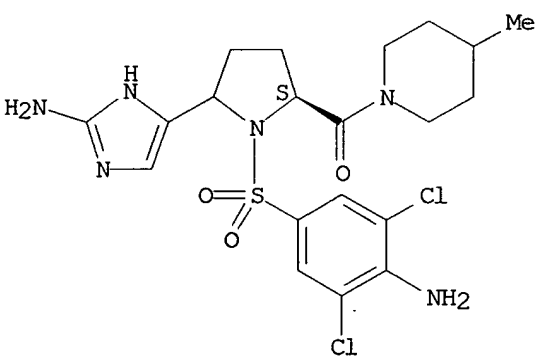
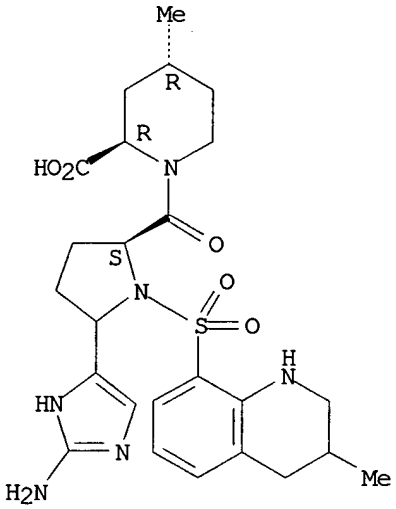
Absolute stereochemistry.

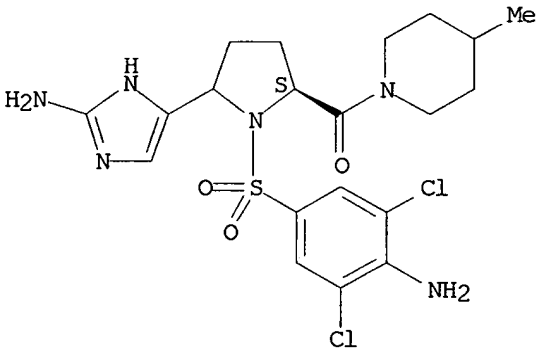




●3/2 HCl

RN 193018-74-5 CAPLUS
CN Piperidine, 1-[[1-[(4-amino-3,5-dichlorophenyl)sulfonyl]-5-(2-amino-1H-imidazol-4-yl)-2-pyrrolidinyl]carbonyl]-4-methyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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FULL ESTIMATED COST                                     50.58     273.08

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